

#### WASTE DATA SHEET

PRODUCT NAME	- <del>'</del>	CODE NUMBER	
GENERIC NAME Substituted F	yrazolidinedione		
SHIPPING NAME Waste Organic	Solid, NOS.		
PREPARER Donald Hill		EFFECTIVE	September 24, 1982
ENVIRONMENTAL A PPROVAL	The los	SUPERSEDES	None
·	COMPOSITION	,	
Z RANGE COMPOUND			
100 SUBSTITUTED PYRA	ZOLIDINE DIONE	HALOGEN:	( ) 0%
		SULFUR:	0 %
		NITROGEN:	8.2 %
	HEMICAL AND PHYSICAL		
PHYSICAL STATE:	Solid	(BULK) DENSITY:	Approx. 1
WATER SOLUBILITY:	Trace	pH:	Neutral
HEAT VALUE (MBTU/LB):	<10	% ASH:	None
% SUSPENDED SOLIDS:	_ N/A		
IDENTITY:		NAME CIBA	Gera
% DISSOLVED NON-VOLATILES:	N/A	10.10. RD	Gergy 00119-1323
IDENTITY:		MLE LUU: 10-	18
LAYERING:	N/A	CTHER:	·
UPPER:			
LOWER:	·		
COLOR:	White, Pinkish or Yellow		
DDOR:	None		
VISCOSITY:	N/A	-	

SEMS DocID

667/21

PRODUCT NAME	CODE NUMBER
	FIRE HAZARD DATA
FLASH POINT °F: N/A	FLAMMABLE SOLID: No
EXTINGUISHING MEDIA: Wat	er, Carbon Dioxide or Dry Chemical
FIRE-FIGHTING PROCEDURE:	Use self-contained breathing apparatus because oxides
of nitrogen are generated	on combustion.
te disance and the second	HEALTH DATA
TOXICITY: LD <sub>50</sub> 1,000 SKIN IRRITANT:	mg/kg (Oral Rat)  SKIN SENSITIZER: Unknown  DEGREE OF IRRITATION:
	EMERGENCY AND FIRST AID PROCEDURES
SKIN-CONTACT: Wash with INGESTION: Obtain imm	with water for 15 minutes. Obtain medical attention. soap and water. ediate medical attention. fresh air and obtain medical attention.
	SPECIAL PRECAUTIONS
REACTIVE: No CORROSIVE: No	IF CORROSIVE pH =
HANDLING & STORAGE PRECAU	TIONS: No special procedures required.
. *	PROTECTIVE EQUIPMENT
Rubber Gloves, Safety Gla	sses
	WASTE DISPOSAL
TYPE OF DRUM: All-Weathe	r Pak
DRUM LABELING: Gold Labe	l, Special Handling
EPA HAZARDOUS WASTE #:	None
RHODE ISLAND CLASSIFICATI	ON: 1C - Slightly Toxic
DISPOSAL METHOD: Inciner	ate with scrubber at McIntosh.
ULTIMATE FATE:	
SPILL OR LEAK PROCEDURE:	Sweep up and place in All-Weather Pak. Label as above

....



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Organic Sludg	e		A Table 1
SHIPPING NAME Waste Flammab	le Solid, NOS	Ten si	
PREPARER Elizabeth Tho	mas	EFFECTIVE	<u>December 4, 1981</u>
ENVIRONMENTAL APPROVAL	T. Cef.	SUPERSEDES	None
	COMPOSITION	12.1	
Z RANGE COMPOUND	•		
65-80 Toluene		HALOGEN:	
20-35 Substituted Phenol	and Organic		( - ) %
Impurities	The Organic	SULFUR:	<u> </u>
	· · · · · · · · · · · · · · · · · · ·	NITROGEN:	<5 %
<u>c</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Semi-Solid Sludge (Slurry)	(BULK) DENSI	TY:
WATER SOLUBILITY:	Insoluble	_ рн:	7-12
HEAT VALUE (MBTU/LB):	9-12	_ % ASH:	2-5
% SUSPENDED SOLIDS:	15-25	_	
IDENTITY:	Substituted Phenols and Organic Impurities		reservation of the second
Z DISSOLVED NON-VOLATILES:	5-10		
IDENTITY:	Substituted Phenols and Organic Impurities	<b>-</b>	
LAYERING:	Yes		
UPPER:	Toluene		de de la companya de La companya de la co
LOWER:	Toluene and Substi- tuted Phenols and Organic Impurities	•	
COLOR:	Orange to Brown		
DDOR:	Aromatic		
ISCOSITY:	>10,000 cps		· . · . · · · ·

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: 40 FLAMMABLE SOLID: Yes
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 500-5000 mg/kg SKIN SENSITIZER: Unknown SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight (Toluene)
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water for 15 minutes.  INGESTION: Obtain immediate medical attention.  INHALATION: Remove to fresh air.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH = N/A
HANDLING & STORAGE PRECAUTIONS: Store away from oxidizing materials and zinc.
PROTECTIVE EQUIPMENT
Respiratory, rubber gloves, eye protection
WASTE DISPOSAL
TYPE OF DRUM: 30 gallon, blo-lined, fiber pak (Code #93-952-304), overpacked in a 55 gallon, blue 5/8" bolt ring (H-17) unlined, reconditioned, DOT drum (Code #93-958-559)
DRUM LABELING: Gold, EPA Hazardous, Flammable Solid, Special Handling
EPA HAZARDOUS WASTE #: F005
RHODE ISLAND CLASSIFICATION: <u>1B-Moderately Toxic; 3C-Slightly Flammable; 7C-Slightly</u> Irritating
DISPOSAL METHOD: Incinerate with scrubber.
ULTIMATE FATE: McIntosh incineration
SPILL OR LEAK PROCEDURE: Sweep up with sawdust and put in same drum as above.

# 2 2 2

PRODUCT NAME				CODE NUMBER	· · · · · · · · · · · · · · · · · · ·
GENERIC NAME	Aliphatic Et	her	<u> </u>		
SHIPPING NAME	Waste Flamma	ble Liquid, NOS	<u>-</u>	<del></del>	
PREPARER	Elizabeth Th	omas		EFFECTIVE	January 18, 1982
ENVIRONMENTAL	APPROVAL	T. Col		SUPERSEDES	None
	,	COMPOSI	LION	<del></del>	
Z RANGE COMPO	DUND	-	<del></del>		
<b>9</b> 0-98	DIALKYL E	THER		HALOGEN:	( ) %
<u> </u>	ALIPHATIC A	MINE	- <del></del> .	SULFUR:	<del></del> %
2-8	A.L.IPHATIC	ALCOHOL		NITROGEN:	%
	•				•
	<u>(</u>	CHEMICAL AND PHYSI	CAL PROP	ERTIES	•
PHYSICAL STATE	<b>:</b> :	Liquid	•	(BULK) DENSITY:	0.8
WATER SOLUBILI	TY:	Slight	<u>-</u>	pH:	<u> </u>
HEAT VALUE (MB	TU/LB):	9-12	_	% ASH:	<1
Z SUSPENDED SO	LIDS:	None	_		· .
IDENTIT	Υ:		,		
Z DISSOLVED NO	N-VOLATILES:	<0.1			
- IDENTIT	Y:	ALIPHATIC	. ' -		1.5 1 2
LAYERING:	-	None			to the second
UPPER:					
LOWER:				•	
COLOR:		Colorless to Yellow Liquid			•
DDOR:		Sweet, Nauseat- ing (Disagree- able			<i>;</i>
ISCOSITY:		Low (<100 cp)			

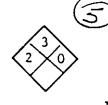
PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: 15 FLAMMABLE SOLID: NA
EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical - water may be ineffective.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Can form explosive mixtures with air. Residue from evaporation may explode because of peroxide.
HEALTH DATA
TOXICITY: LD <sub>50</sub> (Oral Rat) 10,000 Mg/Kg, Non-Hazard SKIN SENSITIZER: Unknown Unknown
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT:  SKIN CONTACT: INGESTION: INHALATION:  Flush eyes with water for 15 minutes. Obtain medical attention. Obtain immediate medical attention. Remove to fresh air. Give artificial respiration if breathing has stopped. Call a physician.
SPECIAL PRECAUTIONS
REACTIVE: No CORROSIVE: No IF CORROSIVE pH = NA
HANDLING & STORAGE PRECAUTIONS: Store away from oxidizing agents. Keep away from heat, spark or flame.
PROTECTIVE EQUIPMENT
Rubber gloves, organic cannister mask (Wilson GL or equivalent)
WASTE DISPOSAL
TYPE OF DRUM: T-5 or 55 gallon unlined tight-top bung, reconditioned, UL DOT steel drum (Code #93-957-559)
DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid
EPA HAZARDOUS WASTE #: DOO1
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste
DISPOSAL METHOD: Incinerate
ULTIMATE FATE: McIntosh incineration
SPILL OR LEAK PROCEDURE: Small spills: flush to drain. Large spills: Sweep up with sawdust. Contact Technical for disposal method.

;

.

PRODUCT NAME		CODE NUMBER	
GENERIC NAME Filter Media	<del></del>	<del></del>	
SHIPPING NAME Flammable So	lid NOS		
PREPARER Donald Hill		EFFECTIVE N	March 25, 1981
ENVIRONMENTAL APPROVAL	E Back	SUPERSEDES	None
	COMPOSIT		
Z RANGE COMPOUND	-		
85-95 Filter Papers		HALOGEN:	(Chlorine) 2%
<pre>&lt;1 Zinc (Hydroxide/0)</pre>	xide)	SULFUR:	<u></u> %
5-15 Chlorobenzene		NITROGEN:	%
<u>(</u>	CHENICAL AND PHYSI	CAL PROPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY:	0.9-1.0
WATER SOLUBILITY:	Insoluble	pH:	Neutral
HEAT VALUE (MBTU/LB):	<5	% ASH:	<1
% SUSPENDED SOLIDS:	95		
IDENTITY:	Filter Papers		
% DISSOLVED NON-VOLATILES:	N/A		
IDENTITY:			
LAYERING:	N/A	·	
UPPER:			.:
LOWER:			
COLOR:	White to Slight Yellow Discolor- ation		
ODOR:	Aromatic Solvent		
VISCOSITY:	N/A	•	•

PRODUCT NAME	CODE NUMBER
.e <sup>7</sup>	FIRE HAZARD DATA
FLASH POINT °F	S: 90 (Chloro- FLAMMABLE SOLID: Yes benzene), Closed Cup
EXTINGUISHING	MEDIA: Carbon dioxide, dry chemical, foam
FIRE-FIGHTING	PROCEDURE: Vapor is heavier than air and may travel a considerable
distance to a	source of ignition and flash back. Wear self-contained breathing
apparatus.	
	HEALTH DATA
TOXICITY: LD <sub>5</sub> SKIN IRRITANT:	
	EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: SKIN CONTACT: INGESTION: INHALATION:	Flush eyes with water for 15 minutes. Obtain medical attention. Wash with soap and water. Obtain immediate medical attention.
·	SPECIAL PRECAUTIONS
	No IF CORROSIVE pH =
HANDLING & STO	RAGE PRECAUTIONS: Keep separate from oxidizing materials. Outside or
detached stora	ge is preferable.
	PROTECTIVE EQUIPMENT
Rubber gloves,	respiratory, eye protection
	WASTE DISPOSAL
TYPE OF DRUM:	30 gallon blo-lined, fiber pak (Code #93-952-304), overpacked in a 55 gallon, blue 5/8 inch bolt ring (H-17) unlined, DOT drum (Code #93-958-559). Sawdust must be placed between the fiber pack and the H-17 drum.
DRUM LABELING:	Gold, Special Handling, Flammable Solid, EPA Hazardous
EPA HAZARDOUS V	WASTE #:
RHODE ISLAND CI	LASSIFICATION: Type 3B - Moderately Flammable, R.I. Extremely Hazardous (Chlorobenzene)
DISPOSAL METHOI	O: McIntosh incineration with scrubber.
ULTIMATE FATE:	<u></u>
SPILL OR LEAK F	PROCEDURE: Adsorb any liquids with sawdust and put in same type of
drum as above.	



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Halogenated	Solvent		<del>-</del>
SHIPPING NAME Waste Flamm Solution)	able Solvent, (Chlorobenze	ene	
PREPARER Donald Hill	E fearl	EFFECTIVE	March 25, 1981
ENVIRONMENTAL APPROVAL _	<del>-</del>	SUPERSEDES	None
ere.	COMPOSITION		
% RANGE COMPOUND	,		
55-65 Chlorobenzene		HALOGEN:	(Chlorine)18-21%
15-20 Methanol	<del> </del>	SULFUR:	
20-25 Ethanol		NITROGEN:	Trace %
Trace Dialky MAIANAT	£		
	<del></del>		
	CHEMICAL AND PHYSICAL PRO	PERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	1.0-1.2
WATER SOLUBILITY:	Partial	pH:	
HEAT VALUE (MBTU/LB):	14-18	% ASH:	Trace
% SUSPENDED SOLIDS:	None		
IDENTITY:		,	
% DISSOLVED NON-VOLATILES:	None	,	
IDENTITY:			
LAYERING:	No	-	
UPPER:			·
LOWER:			
COLOR:	Clear to Slight Yellow Discoloration		
ODOR:	Aromatic Solvent		
VISCOSITY:	Low (<100 cp)		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: 80 FLAMMABLE SOLID: N/A
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam
FIRE-FIGHTING PROCEDURE: The vapor is heavier than air and may travel a consi-
derable distance before ignition. Gives off toxic fumes when ignited.
Wear self-contained breathing apparatus.
HEALTH DATA
TLV: 75 ppm (Chlorobenzene)
TOXICITY: LD <sub>50</sub> 2,900 mg/kg SKIN SENSITIZER: No SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT:  SKIN CONTACT: INGESTION: INHALATION:  Flush eyes with water for 15 minutes. Obtain medical attention.  Obtain immediate medical attention.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks or flame and oxidizing
agents.
PROTECTIVE EQUIPMENT
Rubber gloves, respiratory, eye protection
WASTE DISPOSAL
TYPE OF DRUM: 55 gallon, unlined, tight-top bung, reconditioned, DOT steel drum (Code #93-957-559).
DRUM LABELING: Gold, Flammable Liquid, EPA Hazardous
EPA HAZARDOUS WASTE #: F002
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic, Type 3B - Moderately Flammable, RI Extremely Hazardous (chlorobenzene), Type 7C - Slightly Irritating
DISPOSAL METHOD: Incineration with scrubber
ULTIMATE FATE: McIntosh incineration
SPILL OR LEAK PROCEDURE: Sweep up with sawdust and put in a plastic bag in a fiber drum. If necessary to meet DOT regulations, the fiber drum must be overpacked in a DOT H-7 drum. Label both drums.



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Aliphatic Ke	tone	<u> </u>	
SHIPPING NAME Waste Solven	t, NOS		
PREPARER Don H111		EFFECTIVE	November 30, 1982
ENVIRONMENTAL APPROVAL	1. 19	SUPERSEDES	None
.•	COMPOSITION		
Z RANGE COMPOUND			
32-37 Acetone	<del></del>	HALOGEN:	( ) 0%
63-68 Water		SULFUR:	0%
1-2 Substituted Pyrazo	olidinedione	NITROGEN:	0.1 Max. %
<u>9</u>	CHEMICAL AND PHYSICAL P	ROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY	·
WATER SOLUBILITY:	98%	pH:	7
HEAT VALUE (MBTU/LB):	<10	% ASH:	None
% SUSPENDED SOLIDS:	None		
IDENTITY:			
Z DISSOLVED NON-VOLATILES:	1% - 2%		
IDENTITY:	Substituted Pyrazolidinedione		
LAYERING:	None		
UPPER:			
LOWER:	·	•	
COLOR:	Colorless to Light Yellow	•	
ODOR:	Lacquer-Like		
VISCOSITY:	Low		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: Below -4 (Acetone) FLAMMABLE SOLID:
EXTINGUISHING MEDIA: Alcohol foam, carbon dioxide, dry chemical and water may be
ineffective.
FIRE-FIGHTING PROCEDURE:
HEALTH DATA
TOXICITY: LD <sub>50</sub> 30,469, Oral-Rat (Calculated) SKIN SENSITIZER: Unknown SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain immediate medical attention.  Remove to fresh air.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Keep away from sparks or flame.
PROTECTIVE EQUIPMENT
Rubber gloves, eye protection, air-supplied hood or self-contained breathing appara-
tus for potential overexposure.
WASTE DISPOSAL
TYPE OF DRUM: Send to waste solvent tank but if drummed use unlined, TT, 55 gallon, reconditioned drum (Code #93-957-559).
DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste, Special Handling
EPA HAZARDOUS WASTE #: F003
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste; Type 7C - Slightly Irritating Waste
DISPOSAL METHOD: Incineration
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Clean up with absorbant, put in 30 gallon, blo-lined drum
(Code #93-952-302), overpack in blue 5/8" bolt ring, H-17 drum (Code #93-958-559)
label both drums as above.

ENV-WD-2GG,A3-4,S2



PRODUCT NAME		CODE NUMBER	·
GENERIC NAME Filter Media			<del></del>
SHIPPING NAME Waste Organic	Mixture		
PREPARER Don Hill	<del></del>	EFFECTIVE	November 30, 1982
ENVIRONMENTAL APPROVAL	1. lif	SUPERSEDES	September 18, 198
r.	COMPOSITION		
Z RANGE COMPOUND			
15 - 20 Carbon	····	HALOGEN:	() 0%
10 - 15 Filter Aid		SULFUR:	<u> </u>
<u>15 - 20</u> Paper	. '	NITROGEN:	%
45 - 60 Water	<del></del> _		- <del></del>
Trace Organics			
<u>c</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY	: 0.9 - 1.0
WATER SOLUBILITY:	Partial	pH:	7
HEAT VALUE (MBTU/LB):	N/A	% ASH:	10 - 15
% SUSPENDED SOLIDS:	40 - 55		
IDENTITY:	Carbon, Filter Aid and Papers		
% DISSOLVED NON-VOLATILES:	None		
IDENTITY:			
LAYERING:	None	•	
UPPER:			•
LOWER:			
COLOR:	Gray to Black Paste		
ODOR:	Odorless		
VISCOSITY:	N/A		

PRODUCT NAME	<u> </u>	CODE	NUMBER	
	FIRE HAZARD DATA			
FLASH POINT °F: Unknown	FLAMMABLE	SOLID:	No	
EXTINGUISHING MEDIA: Water, Carb	on Dioxide, Dry Che	emical		
	ial equipment neces			
•	HEALTH DATA			
TOXICITY: LD <sub>50</sub> 4,862 mg/kg Calcuceous Earth = 3,10 Rat, NIOSH 1978)  SKIN IRRITANT: No	lated (Diatoma- 60 mg/kg - Oral-		NSITIZER: OF IRRITATION:	<u>No</u>
EMERGENO	CY AND FIRST AID PR	<u>o</u> cedures		
EYE CONTACT:  SKIN CONTACT:  INGESTION:  INHALATION:  Flush eyes with wat wath soap and Obtain immediate me	water.	Obtain	medical attenti	on.
REACTIVE: No CORROSIVE: No	ecial precautions	IF	CORROSIVE pH =	
PR	OTECTIVE EQUIPMENT			<del></del>
Rubber Gloves		<u> </u>		
	WASTE DISPOSAL			
TYPE OF DRUM: Blo-Line Drum (Code #93	# <b>9</b> 3-952-302), Over	-Packed	in Blue 5/8" Bo	lt Ring
DRUM LABELING: Gold, Special Hand	ling			
EPA HAZARDOUS WASTE #: None				
RHODE ISLAND CLASSIFICATION: Type	IC - Slightly Toxi	c Waste		
DISPOSAL METHOD: Incinerate				
ULTIMATE FATE:		<del>-</del>		
SPILL OR LEAK PROCEDURE: Sweep up			el both drume se	



#### WASTE DATA SHEET

1

PRODUCT NAME	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CODE NUMBER	
GENERIC NAME Halogenated	Solvent		
SHIPPING NAME Waste Flammal (Chlorobenzer	ole Solvent, NOS ne Solution)	<del></del>	
PREPARER Elizabeth Tho	omas	EFFECTIVE	June 22, 1981
ENVIRONMENTAL APPROVAL	1. Ce/	SUPERSEDES	May 15, 1981
. <del>`</del>	COMPOSITION		
Z RANGE COMPOUND			
5-10 Pyrazolidinedione	(Substituted)	HALOGEN:	(Chlorine) 30%
90-95 Chlorobenzene	<del></del>	SULFUR:	0%
	<del></del>	NITROGEN:	<u> &lt;1</u> %
<u>0</u>	HEMICAL AND PHYSICAL P	ROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	1.1
WATER SOLUBILITY:	None	pH:	
HEAT VALUE (MBTU/LB):	14-18	% ASH:	Trace
% SUSPENDED SOLIDS:	None		
IDENTITY:			
% DISSOLVED NON-VOLATILES:	5-10		
IDENTITY:	Same as above		
LAYERING:	None		
UPPER:			
LOWER:	·		
COLOR:	Dark Brown		
ODOR:	Chlorobenzene		
VISCOSITY:	Low (<100 cp)		

* PRODUCT NAME	CODE NUMBER
FIRE HAZARD DATA	<del></del>
FLASH POINT °F: MCB: 85° FLAMMABLE	SOLID: N/A
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical	or foam
BEDD TO STATE OF THE STATE OF T	air and may travel a consider-
able distance before ignition. Gives off toxic fume	
contained breathing apparatus.	
HEALTH DATA	
TOXICITY: LD <sub>50</sub> MCB: 2910 mg/kg SKIN IRRITANT: Yes	SKIN SENSITIZER: Unknown DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PR	
EYE CONTACT: Flush eyes with water for 15 minutes.  SKIN CONTACT: Wash exposed area with large area.	Obtain medical attention.
INGESTION: Obtain immediate medical attention.	of soap and water.
INHALATION:	
SPECIAL PRECAUTIONS	
REACTIVE: No No	TE CORROCTUR
HANDLING & STORAGE PRECAUTIONS: Keep away from heat	IF CORROSIVE pH = N/A
	, flame and oxidizing agents.
PROTECTIVE EQUIPMENT	
Rubber gloves, respiratory, eye protection	
WASTE DISPOSAL	•
TYPE OF DRUM: 55 gallon, unlined, tight-top bung, re (Code #93-957-559).	conditioned, DOT steel drum
DRUM LABELING: Gold, Flammable Liquid, EPA Hazardous	
EPA HAZARDOUS WASTE #: F002	
RHODE ISLAND CLASSIFICATION: Type 1C - slightly toximable, R.I. Extremely H Type 7C - slightly irri	c; Type 3B - moderately flam- azardous (chlorobenzene); tating.
DISPOSAL METHOD: Incinerate with scrubber.	
ULTIMATE FATE: McIntosh incineration	
SPILL OR LEAK PROCEDURE: Sweep up with sawdust and p	ut in a plastic bag. Label the
bag. Contact Technical for disposal market	



PRODUCT NAME	··n		CODE NUMBER	·
GENERIC NAME	Substituted I	Pyrazolidinedione		
SHIPPING NAME	E Waste Organic	Solid, NOS.		
PREPARER	Donald Hill		EFFECTIVE	October 14, 1982
ENVIRONMENTAL	APPROVAL	1. los	SUPERSEDES	None
		COMPOSITION	•	
Z RANGE COME	OUND			
55-90 Subs	stituted Pyrazo	Dlidinedione	HALOGEN:	( ' ) 0%
10-45 Wate	er		SULFUR:	0 %
	<del></del> -	. •	NITROGEN:	7.4 Max.%
	<u>c</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STAT	E:	Solid	(BULK) DENSITY:	Approx. 1
WATER SOLUBIL	ITY:	Partial -	pH:	Neutral
HEAT VALUE (M	BTU/LB):	<10	% ASH:	None
% SUSPENDED S	OLIDS:	N/A		
IDENTI	TY:			
% DISSOLVED N	ON-VOLATILES:	N/A		
IDENTI	TY:			
LAYERING:		N/A		
UPPER:				
LOWER:				· ,
COLOR:		White, Pinkish or Yellow		. •
ODOR:		None		
VISCOSITY:		N/A ·		

PRODUCT NAME	·	CODE NUMBER	
FIR	HAZARD DATA		
FLASH POINT °F: N/A	FLAMMABLE	SOLID: No	
EXTINGUISHING MEDIA: Water, Carbon D	loxide or Dry C	hemical	
FIRE-FIGHTING PROCEDURE: Use self-co	ntained breathi	ng apparatus because ox	ides
of nitrogen are generated on combusti	on.	···	<del></del>
]	EALTH DATA		
TOXICITY: LD <sub>50</sub> 1,000 mg/kg (Oral 1 SKIN IRRITANT: Unknown	Rat)	SKIN SENSITIZER: DEGREE OF IRRITATION:	Unknown
EMERGENCY A	D FIRST AID PRO	OCEDURES	
EYE CONTACT: Flush eyes with water : SKIN CONTACT: Wash with soap and water : INGESTION: Obtain immediate medical	er.	Obtain medical attent	ion.
SPECIA	L PRECAUTIONS	-	
REACTIVE: No CORROSIVE: No		IF CORROSIVE pH =	
HANDLING & STORAGE PRECAUTIONS: No si	ecial procedure	es required.	
PROTEC	TIVE EQUIPMENT		
Rubber Gloves, Safety Glasses			
WAS	TE DISPOSAL		
TYPE OF DRUM: 30 Gallon Fiber with H-	17 Overpak		<del></del>
DRUM LABELING: Gold Label, Special Ha	ndling	·	<del></del>
EPA HAZARDOUS WASTE #: None	<del></del>		
RHODE ISLAND CLASSIFICATION: <u>1C - S11</u>	ghtly Toxic		
DISPOSAL METHOD: Incinerate with scre	bber at McIntos	sh.	
ULTIMATE FATE:			
SPILL OR LEAK PROCEDURE: Sweep up and	place in 30 ga	allon fiber drum. Label	Las
above.			

# 2 3 0

PRODUCT NAME 3		CODE NUMBER	
GENERIC NAME Aromatic Hy	drocarbon		
SHIPPING NAME Waste Organ	nic Liquid, NOS		
PREPARER Jeanne Kofs	sky	EFFECTIVE	I. I. 8 1000
ENVIRONMENTAL APPROVAL	1.Cox	SUPERSEDES	July 8, 1982
	COMPOSITION	•	January 23, 198
Z RANGE COMPOUND			
55-70 Xylene		HALOGEN:	
0 - 5 Isopropanol			( ) 0 %
5 - 15 Substituted 33	Benzotriazoles	SULFUR:	%
5 - 15 Related Amine Imp		NITROGEN:	0.5-1.5 %
	CHEMICAL AND PHYSICAL	DBADDA -	
PHYSICAL STATE:	Liquid	<del>_</del>	
WATER SOLUBILITY:		(BULK) DENSITY:	0.9-0.95
HEAT VALUE (MBTU/LB):	Partial	pH:	9-12
% SUSPENDED SOLIDS:	<16	% ASH:	0
IDENTITY:	0-5		
	Substituted Benzotriazoles		
% DISSOLVED NON-VOLATILES:	10-30		
IDENTITY:	Substituted -		•
	Benzotriazoles and Related Impurities		
LAYERING:	None		٠.
UPPER:			
LOWER:			-
COLOR:	Very Dark Red to		
	Purple		
ODOR:	Sweet Solvent		
VISCOSITY:	Medium		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: 84 (Xylene) FLAMMABLE SOLID: N/A
EXTINGUISHING MEDIA: Carbon dioxide or dry chemical on small fires. Foam on
large fires.
FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus. Water alone
is ineffective. Use a water fog to control flames.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 5000 mg/kg (xylene) SKIN SENSITIZER: Unknown SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: SKIN CONTACT: INGESTION: INHALATION:  Flush eyes with water for 15 minutes. Obtain medical attention.  Obtain immediate medical attention.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Flammable, breathing of vapor may be harmful.
Causes eye injury and skin irritation. Keep away from heat, sparks and flame. Make
sure area is well ventilated.
PROTECTIVE EQUIPMENT
Rubber gloves, rubber apron, face shield, air hood or self-contained breathing
apparatus for potential overexposure.
WASTE DISPOSAL
TYPE OF DRUM: UL DOT
DRUM LABELING: Flammable Liquid, EPA Hazardous, Gold
EPA HAZARDOUS WASTE #: F003
RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic, 3B - Moderately Flammable, 7C - Slightly Irritating
DISPOSAL METHOD: Incinerate with scrubber.
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Clean spill with absorbing agent (sawdust or Speedi-Dri) and place in plastic bag in fiber drum. Overpack in H-17 drum. Label as above, except, Flammable Solid instead of Flammable Liquid and add Special Handling.

ENV-WD-2GG, B17-18

PRODUCT NAME		CODE NUMBER	:
GENERIC NAME Substituted	Dibenzazepine		
SHIPPING NAME Waste Organi	Solid, NOS		
PREPARER Elizabeth The	omas	EFFECTIVE	September 24, 1982
ENVIRONMENTAL APPROVAL	1. Cof	SUPERSEDES	None
	COMPOSITION		
Z RANGE COMPOUND			
100 Substituted Di	benzaepine -	HALOGEN:	( ) 0%
	<del></del>	SULFUR:	%
	<del> </del>	NITROGEN:	Approx. 12%
<u>(</u>	CHEMICAL AND PHYSICAL P	ROPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY:	1 - 1.2
WATER SOLUBILITY:	Insoluble	pH:	6 - 8
HEAT VALUE (MBTU/LB):	9 - 12	% ASH:	< 1
% SUSPENDED SOLIDS:	N/A		
IDENTITY:	<del></del> ,		
% DISSOLVED NON-VOLATILES:	N/A		
IDENTITY:			
LAYERING:	N/A		
UPPER:			
LOWER:		·	·
COLOR:	White to Off- White Crystalline		. •
ODOR:			
VISCOSITY:	N/A		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: > 200 FLAMMABLE SOLID: No
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Water, Foam
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Combustion
liberates oxides of nitrogen.
HEALTH DATA
TOXICITY: LD <sub>50</sub> Oral Rat ~4000 Mg/Kg (NIOSH 1978) SKIN IRRITANT: Unknown DEGREE OF IRRITATION: Unknown
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Flush with water for 15 minutes.  INGESTION: Obtain immediate medical attention.  INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS:
PROTECTIVE EQUIPMENT
Dust Mask, Rubber Gloves
WASTE DISPOSAL
TYPE OF DRUM: 50 Gallon, All-Weather Pak
DRUM LABELING: Gold, Special Handling
EPA HAZARDOUS WASTE #:
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste
DISPOSAL METHOD: McIntosh incineration with scrubber.
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Sweep up and put in same drum as above.



PRODUCT NAME	10 10 1 - 10 10 10 10 10 10 10 10 10 10 10 10 10	CODE NUMBER	
GENERIC NAME Filter Media			
SHIPPING NAME Waste Organi	c Mixture, NOS		
PREPARER Everett Cote	<u> </u>	EFFECTIVE	Fohrman
ENVIRONMENTAL APPROVAL	1. Col		February 16, 198
. •	COMPOSIT		November 19, 1980
Z RANGE COMPOUND	··	<del></del>	
20-25 Carbon		HALOGEN:	
10-15 Filter Aid			( ) %
40-55 Water		SULFUR:	%
Trace Organics		NITROGEN:	%
<u>.</u>	CHEMICAL AND PHYSIC	AL PROPERTIES	
PHYSICAL STATE:	Mixed	(BULK) DENSITY:	0.9 - 1.0
. WATER SOLUBILITY:	Partial	pH:	7
HEAT VALUE (MBTU/LB):	N/ A	% ASH:	10 - 15
% SUSPENDED SOLIDS:	40 ~ 50		
IDENTITY:	Carbon, Filter Ald and Papers		
Z DISSOLVED NON-VOLATILES:	None		
IDENTITY:			
LAYERING:	None		
UPPER:		•	
LOWER:	_		
COLOR:	Gray to Black		
ODOR:	Odorless	•	·
VISCOSITY:	N/ A	·	

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: N/A FLAMMABLE SOLID: NO
EXTINGUISHING MEDIA: Water, Carbon Dioxide, Dry Chemical
FIRE-FIGHTING PROCEDURE: No special equipment necessary.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 4,862 mg/kg Calculated (Diatoma- SKIN SENSITIZER: No ceous Earth = 3,160 mg/kg - Oral - DEGREE OF IRRITATION:
SKIN IRRITANT:  Rat, NIOSH 1978)  No
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.
INGESTION: Obtain immediate medical attention.
INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: None
PROTECTIVE EQUIPMENT
Rubber gloves, eye protection
WASTE DISPOSAL
TYPE OF DRUM: Blo-Line Drum (Code #93-952-302), Over-Packed in Blue 5/8" Bolt-Rin
DRUM LABELING: Gold, Special Handling
EPA HAZARDOUS WASTE #: None
RHODE ISLAND CLASSIFICATION: Type IC - Slightly Toxic Waste
DISPOSAL METHOD: Incinerate
ULTIMATE FATE: McIntosh incineration
SPILL OR LEAK PROCEDURE: Sweep up and place in drums and label both drums as above



## WASTE DATA SHEET

٠.

PRODUCT NAME		CODE NUMBER	·
GENERIC NAME Aromatic Hydr	cocarbon		
SHIPPING NAME Waste Flammat	ole Solvent, NOS		
PREPARER Elizabeth Tho		EFFECTIVE	June 4, 1982
ENVIRONMENTAL APPROVAL	1.06	SUPERSEDES	None
(a)	COMPOSIT	ION	
Z RANGE COMPOUND			
65 - 98 Toluene		HALOGEN:	( ) %
0 - 30 Acetone		SULFUR:	%
2 - 15 Dibenzazepine and Products of Dibenz	azepine	NITROGEN:	<1 %
	CHEMICAL AND PHYSIC	CAL PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.8 - 1.0
WATER SOLUBILITY:	Partial	pH:	Neutral
HEAT VALUE (MBTU/LB):	12 - 16	% ASH:	Trace
Z SUSPENDED SOLIDS: IDENTITY:	None		
Z DISSOLVED NON-VOLATILES:	2 - 5%		
IDENTITY:	Dibenzazepine and Substituted By-Products of Dibenzazepine		
LAYERING:	No		
UPPER:			
LOWER:		***	••
COLOR:	Yellow to Brown Liquid		
ODOR:	Paint Thinner		
VISCOSITY:	Low		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: 40 FLAMMABLE SOLID: N/A  EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam  FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Water cannot be used to fight toluene fires. Water will cause the fire to spread. However, a fine
water fog used in conjunction with foam will cool the vapors so as to reduce the
possibility of "flash back".
HEALTH DATA
TOXICITY: LD 50 Approximately 3000 mg/kg. SKIN SENSITIZER: Unknown SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight  EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT:  SKIN CONTACT:  INCESTION:  INHALATION:  Flush eyes with water for 15 minutes. Obtain medical attention.  Obtain immediate medical attention.  Remove to fresh air.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Flammable. Breathing of vapors may be harmful.
Causes eye injury and skin irritation. Keep away from heat, sparks and flame. Make sure area is well ventilated.
PROTECTIVE EQUIPMENT
Rubber gloves and air-supplied hood for potential over-exposure.
WASTE DISPOSAL
TYPE OF DRUM: A) 55 Gallon Unlined, Tight-Top, Bung, Reconditioned, DOT Steel Drum  (Code #93-957-559) B) T-1, Direct Pipeline Transfer
DRUM LABELING: Gold, EPA Hazardous, Flammable liquid
EPA HAZARDOUS WASTE #: F005, F003
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7C - Slightly Irritating Waste
DISPOSAL METHOD: Incineration
ULTIMATE FATE: McIntosh Incineration
SPILL OR LEAK PROCEDURE: Clean up spills with Speedi-Dri and place in a plastic bag in fiber drum. If necessary to meet DOT regulations, the fiber drum must be over-packed in a DOT H-17 drum. Label both drums.  ENV-WD-2GG, B5-6



PRODUCT	NAME	<u> </u>	CODE NUMBER _	
GENERIC	NAME Substituted I	)ibenzazepines	<del></del>	
SHIPPING	NAME Waste Flammat	ole Solid, NOS		
PREPARER	Elizabeth Tho	omas	EFFECTIVE	June 11, 1982
ENVIRONM	ENTAL APPROVAL	1. Col	SUPERSEDES	None
<u> </u>	. /	COMPOSITIO	ON_	
% RANGE	COMPOUND			
60-75	Substituted Dib	enz4 zepine	HALOGEN:	( ) 0%
15-30	Toluene	·	SULFUR:	%
0-10	Acetone		NITROGEN:	8-12 %
<u>5-25</u>	Dibenzazepine, Dib And Other Substitu	nydrodibenzazepine nted Dibenzazepine		
	· <u>c</u>	CHEMICAL AND PHYSICA	AL PROPERTIES	
PHYSICAL	STATE:	Solid	(BULK) DENSITY:	1 - 1.2
WATER SO	LUBILITY:	Insoluble	pH:	5 - 7
HEAT VAL	UE (MBTU/LB):	9-12	% ASH:	Trace
% SUSPEN	DED SOLIDS:	N/A		
I	DENTITY:			
% DISSOL	VED NON-VOLATILES:	N/A		
Į	DENTITY:			
LAYERING	-	No No		
U	PPER:		•	. •
L	OWER:			•
COLOR:		Yellow to Greenish Solids		
ODOR:		Paint Thinner		
VISCOSITY	Y:	N/A		

PRODUCT NAME	CODE MINUTED
FRODUCT NAME _	CODE NUMBER
-	
	FIRE HAZARD DATA
FLASH POINT °F:	-5 (Acetone). FLAMMABLE SOLID: Yes
EXTINGUISHING M	EDIA: Carbon dioxide, dry chemical, foam de le
FIRE-FIGHTING E	PROCEDURE: Wear self-contained breathing apparatus Water cannot be
used to fight t	coluene fires. Water will cause the fire to spread. However, a fine
	in conjunction with foam will cool the vapors so as to reduce the
possibility of	
	HEALTH DATA
TOXICITY: LD 50 SKIN IRRITANT:	Approximately 4300 mg/kg SKIN SENSITIZER: Unknown DEGREE OF IRRITATION: Slight
17 s <sub>s</sub>	EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT:	Flush eyes with water for 15 minutes. Obtain medical attention.
SKIN CONTACT:	Wash with soap and water.
INGESTION: INHALATION:	Obtain immediate medical attention.  Remove to fresh air.
Inididate con-	SPECIAL PRECAUTIONS
REACTIVE:	No.
CORROS IVE:	No IF CORROSIVE pH =
HANDLING & STOR	RAGE PRECAUTIONS: Flammable. Breathing of vapors may be harmful.
Causes eye inju	iry and skin irritation. Keep away from heat, sparks and flame. Make
sure area is w	ell ventilated.
	PROTECTIVE EQUIPMENT
Rubber gloves,	eye protection and air-supplied hood for potential over-exposure.
<u> </u>	
TYPE OF DRUM:	WASTE DISPOSAL  30 Gallon, Blo-Lined, Fiber Drum (Code #93-952-304) overpacked in a
IIFE OF DROM:	55 Gallon Blue, 5/8 Inch Bolt Ring (H-17), Unlined DOT Steel Drum
	(Code #93-958-559). Sawdust must be placed between drums. Label
	both drums.

DRUM LABELING: Gold, Flammable Solid, EPA Hazardous, Special Handling

Incerination with scrubber.

SPILL OR LEAK PROCEDURE: Sweep up and put in same drum as above.

McIntosh incineration.

Type 1C - Slightly Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7C - Slightly Irritating Waste.

EPA HAZARDOUS WASTE #: F005, F003

RHODE ISLAND CLASSIFICATION:

DISPOSAL METHOD:

ENV-WD-2GG, B7-8

ULTIMATE FATE:

## (15

# CIBA-GEIGY CORPORATION CRANSTON, RHODE ISLAND



PRODUCT	NAME -	<u> </u>	CODE NUMBER	<del>_</del> _
GENERIC	NAME Substituted	Dibenzazepines		
SHIPPING	NAME Waste Flamma			
PREPARER	Elizabeth Th	omas	EFFECTIVE _	June 25, 1982
<b>ENV</b> IRONM	ENTAL APPROVAL	T. at	SUPERSEDES	None
1254		COMPOSITION	· ·	
% RANGE	COMPOUND	<del>-</del>		
45-75	Papers	<u> </u>	HALOGEN:	( ) 0%
25-50	Dibenzazepine, Su	bstituted	SULFUR:	%
5-10	Toluene		NITROGEN:	3 - 7 %
5-10	Dibenzazepine, Dil And Other Substitu	nydrodibenzazepine uted Dibenzazepines		
	9	CHEMICAL AND PHYSICAL P	ROPERTIES	
PHYSICAL	STATE:	Solid	(BULK) DENSITY:	1 - 1.2
WATER SO	LUBILITY:	Insoluble	pH:	5 - 7
HEAT VAL	UE (MBTU/LB):	9-12	% ASH:	Trace
% SUSPENI	DED SOLIDS:	N/A		
II	DENTITY:		'	
V DISSOLV	/ED NON-VOLATILES:	N/A		
II	DENTITY:	<del></del>		
LAYERING	-	No		
UI	PER:			••
LC	OWER:			
COLOR:		Yellow to Green- ish Solids/Papers	-	
DOR:		Paint Thinner		:
'ISCOSITY	:	N/A		

P	RO	ווח	CT	NΔ	ME
_		-	~ -	1110	

$\Delta \Delta$	DE	ATT:		ED.
	TAP.	1/1/1	אותו	r K

### FIRE HAZARD DATA

FLASH POINT °F: 40° (Toluene) FLAMMABLE SOLID: Yes
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Water cannot be
used to fight toluene fires. Water will cause the fire to spread. However, a fine
water fog used in conjunction with foam will cool the vapors so as to reduce the
possibility of "flash back".
HEALTH DATA
TOXICITY: LD50Approximately 6000 mg/kg SKIN SENSITIZER: Unknown
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.
SKIN CONTACT: Wash with soap and water.
INGESTION: Obtain immediate medical attention.  INHALATION: Remove to fresh air.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Flammable. Breathing of vapors may be harmful.
Causes eye injury and skin irritation. Keep away from heat, sparks and flame. Mak
sure area is well ventilated.
PROTECTIVE EQUIPMENT
Rubber gloves, eye protection and air-supplied hood for potential over-exposure.
TYPE OF DRUM: 30 gallon, blo-lined, fiber drum (Code #93-952-304) overpacked in a 55 gallon blue, 5/8 inch bolt ring (H-17), unlined DOT steel drum (Code #93-958-559). Sawdust must be placed between drums. Label both drums.
DRUM LABELING: Gold, Flammable Solid, EPA Hazardous, Special Handling
EPA HAZARDOUS WASTE #: F005
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste;  Type 7C - Slightly Irritating Waste
DISPOSAL METHOD: Incerination with scrubber.
ULTIMATE FATE: McIntosh incineration.
SPILL OR LEAK PROCEDURE: Sweep up and put in same drum as above. ENV-WD-2GG, B11-12



PRODUCT NAME	·	CODE NUMBER	. ·	
GENERIC NAME Substituted I	)ibenzazepine	<del></del> -		
SHIPPING NAME Waste Organic	Solid, NOS	· · · · · · · · · · · · · · · · · · ·		
PREPARER Elizabeth Tho	omas	EFFECTIVE S	September 24, 19	8
ENVIRONMENTAL APPROVAL	1. Col	SUPERSEDES	None	
·	COMPOSITI	ON		
Z RANGE COMPOUND				
98-100 Diberzazepine	, substituted	HALOGEN:	( ) 0%	,
		SULFUR:	%	
0 2 Substituted bibens	azepines	NITROGEN:	Approx. 12%	
	CHEMICAL AND PHYSIC	AL PROPERTIES		
PHYSICAL STATE:	Solid	(BULK) DENSITY:	1 - 1.2	
WATER SOLUBILITY:	Insoluble	pH:	6 - 8	
HEAT VALUE (MBTU/LB):	9 - 12	% ASH:	<u> </u>	
% SUSPENDED SOLIDS:	N/A			
IDENTITY:				
Z DISSOLVED NON-VOLATILES:	N/A			
IDENTITY:				
LAYERING:	N/A			
UPPER:				
LOWER:			. •	
COLOR:	White to Yellow- ish or Pink Cry- stalline Powder			
DDOR:				
VISCOSITY:	N/A	·		

RODUCT NAME CODE NUMBER
FIRE HAZARD DATA
LASH POINT °F: > 200 FLAMMABLE SOLID: No
XTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Water, Foam
IRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Combustion
iberates oxides of nitrogen.
HEALTH DATA
OXICITY: LD <sub>50</sub> Oral Rat 14000 Mg/Kg (NIOSH 1978) SKIN SENSITIZER: Unknown Unknown DEGREE OF IRRITATION: Unknown
EMERGENCY AND FIRST AID PROCEDURES
YE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  KIN CONTACT: Flush with water for 15 minutes.  NGESTION: Obtain immediate medical attention.  NHALATION:
SPECIAL PRECAUTIONS
EACTIVE: No IF CORROSIVE pH =
ANDLING & STORAGE PRECAUTIONS:
PROTECTIVE EQUIPMENT
st Mask, Rubber Gloves
WASTE DISPOSAL
PE OF DRUM: 50 Gallon, All-Weather Pak
UM LABELING: Gold, Special Handling
A HAZARDOUS WASTE #:
ODE ISLAND CLASSIFICATION: Type IC - Slightly Toxic Waste
SPOSAL METHOD: McIntosh incineration with scrubber.
TIMATE FATE:
ILL OR LEAK PROCEDURE: Sweep up and put in same drum as above.



PRODUCI	NAME		CODE NUMBER	
GENERIC	NAME Substituted I	Dibenzazepines		
SHIPPING	NAME Waste Organic	Solid, NOS		
PREPARER	Elizabeth Tho	omas	EFFECTIVE	September 24, 1982
ENVIRONM	ENTAL APPROVAL	1.6	SUPERSEDES	None
		COMPOSIT	TION	
% RANGE	COMPOUND			
5-10	Dibenzazepines, Di and Other Substitu	hydrobenzazepines	HALOGEN:	( ) 0%
90-95	Dibenzazepine		SULFUR:	%
	Di Box de Copina,	300311.4164 :	NITROGEN:	Approx. 12%
	<u></u>	HEMICAL AND PHYSI	CAL PROPERTIES	
PHYSICAL	STATE:	Solid	(BULK) DENSITY:	1 - 1.2
WATER SO	LUBILITY: II	Insoluble	<u></u> рн:	6 - 8
HEAT VALI	UE (MBTU/LB):	9 - 12	% ASH:	< 1
% SUSPENI	DED SOLIDS:	·· N/A	•	
II	DENTITY:			•
% DISSOLV	VED NON-VOLATILES:	N/A		
I	DENTITY:			
LAYERING:	:	N/A		
UP	PPER:			
LO	WER:			
COLOR:		Off-White to Yellow Powder		
DDOR:		·		
/ISCOSITY	:	N/A	-	

PRODUCT NAME	· <del></del>	· · · · · · · · · · · · · · · · · · ·	CODE	NUMBER	
	FIR	E HAZARD DATA			
FLASH POINT °F:	> 200	FLAMMABLE	SOLID:	No	
EXTINGUISHING ME	DIA: Carbon Dioxide,	Dry Chemical,	Water, Fo	oam	_
FIRE-FIGHTING PRO	OCEDURE: Wear self-c	ontained breath	ning appar	ratus. Combust	ion
liberates oxides					
	<u>1</u>	HEALTH DATA			
TOXICITY: LD <sub>50</sub>	Oral Rat Approx. 3060 (Estimated)	Mg/Kg	SKIN SEN	SITIZER:	Unknown
SKIN IRRITANT:	Unknown		DEGREE C	F IRRITATION:	Unknown
. •	EMERGENCY AM	ND FIRST AID PR	OCEDURES		
SKIN CONTACT: FI	lush eyes with water f lush with water for 15 otain immediate medica	minutes.	Obtain	medical attent	ion.
	SPECIA	L PRECAUTIONS			
REACTIVE: No CORROSIVE: No			IF	CORROSIVE pH =	
HANDLING & STORAGE	E PRECAUTIONS:	<del></del>			
<del></del>			<del>_</del>		
	PROTEC	TIVE EQUIPMENT			
Dust Mask, Rubber	Gloves				
	WAS'	TE DISPOSAL			
TYPE OF DRUM: 50	Gallon, All-Weather I	Pak			
DRUM LABELING: GO	old, Special Handling				•
EPA HAZARDOUS WAST	TE #:	<del></del>			
RHODE ISLAND CLASS	SIFICATION: Type IC -	- Slightly Toxi	c Waste		
DISPOSAL METHOD:	McIntosh incineration	with scrubber	•		
ULTIMATE FATE:	<del> </del>				
SPILL OR LEAK PROC	EDURE: Sweep up and	put in same dr	um as abo	ve.	



PRODUCT	NAME	· · · · · · · · · · · · · · · · · · ·	CODE NUMBER	
GENERIC	NAME Non-Halogena	ed Solvent		· <u>_</u>
SHIPPING	NAME Waste Solven	, NOS		
PREPARER	Ian Campbell		EFFECTIVE A	pril 19, 1982
ENVIRONM	ENTAL APPROVAL	1. Com	SUPERSEDES	None
•		COMPOSITION		
% RANGE	COMPOUND	· · · · · · · · · · · · · · · · · · ·		
75-95	Toluene	·	HALOGEN: C1	( <1.0% ) 0%
5-15	5-15 Organics AND substituted benzo- triazoles and By-Products)		SULFUR:	0 %
0-2	Water	Water		1 - 2 %
0-5	Isopropanol	sopropanol		
	<u>c</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL	STATE:	Liquid	(BULK) DENSITY:	0.9
WATER SOLUBILITY:		Slight	рН:	3 - 6
HEAT VALUE (MBTU/LB):		15 - 18	% ASH:	<1%
% SUSPENDED SOLIDS:		None		
IDENTITY:				
% DISSOLVED NON-VOLATILES:		5 - 15		
IDENTITY:		See Above		
LAYERING:		None		
UPPER:		-		. •
LOWER:				·
COLOR:		Black		·
DDOR:		Gasoline		
VISCOSITY:		Low (<100 cps)		

-	^-			
.PK	Uυ	UCT	NAM:	E

$\sim$	DE	NII	IMB	CD
1.1	HJP.	NI	דיתונ	РК

#### FIRE HAZARD DATA

FLASH POINT °F	: 40 (Toluene) FLAMM	ABLE SOLID: No		
EXTINGUISHING	MEDIA: Carbon dioxide on dry che	mical. Water may be ineffective.		
Use water fog	to cool flame.			
FIRE-FIGHTING	PROCEDURE: Wear self-contained b	reathing apparatus.		
	HEALTH DAT	<u>'A</u>		
TOXICITY: LD5 SKIN IRRITANT:		SKIN SENSITIZER: DEGREE OF IRRITATION: Slight		
, ·	EMERGENCY AND FIRST A	ID PROCEDURES		
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water for 15 minutes. Obtain medical attention.				
INGESTION: INHALATION:	Obtain immediate medical attenti	on.		
	SPECIAL PRECAUT	IONS		
REACTIVE:	No No	IF CORROSIVE pH =		
HANDLING & STO	RAGE PRECAUTIONS: Keep away from	heat, sparks and open flame.		
	PROTECTIVE EQUI:	PHENT		
Face Shield, Ru	ubber Gloves			
	WASTE DISPOSA	AL ·		
TYPE OF DRUM:	UL DOT Tight Top Bung or Transfe	r to T-1		
DRUM LABELING:	Gold, EPA Hazardous, DOT Flamma	ble Liquid, Special Handling		
EPA HAZARDOUS V	VASTE #: DOO1			
RHODE ISLAND CI	ASSIFICATION: Type 1C - Slight1	y Toxic; Type 3B - Moderately Flam- Slightly Irritating		
DISPOSAL METHOD	: Incineration			
JLTIMATE FATE:	<u> </u>			
SPILL OR LEAK P	ROCEDURE: Soak up with sawdust o	or Speedi-Dri and place in fiber drum		
or incineration	n.			
NU_UD_2CC 413_	-1.6			

# 2 3 0

PRODUCT	NAME		CODE NUMBER	
GENERIC	NAME Non-Halogenat	ed Solvent		
SHIPPING	NAME Waste Flammat	le Solvent, NOS		
PREPARER	Ian Campbell		EFFECTIVE A	pril 19, 1982
ENVIRONM	ENTAL APPROVAL	1. lop	SUPERSEDES	None
	,	COMPOSITION	<u>N</u>	
% RANGE	COMPOUND	•		
75-95	Xylene		HALOGEN: C1	<u>( &lt;1.0 ) 0%</u>
5-15	Organics ( Substition 2018 and By-P		SULFUR:	0 %
0-2	Water	<del></del>	NITROGEN:	1 - 2 %
0-5	Isopropanol	<del> </del>	-	
	<u>c</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL	STATE:	Liquid	(BULK) DENSITY:	0.9
WATER SO	LUBILITY:	Slight	pH:	3 - 6
HEAT VALI	JE (MBTU/LB):	15 - 18	% ASH:	<1%
% SUSPENI	DED SOLIDS:	None		
II	DENTITY:			
% DISSOLV	ED NON-VOLATILES:	5 - 15		
II	DENTITY:	See Above		
LAYERING:		None		
UF	PER:			
LO	WER:			
COLOR:		Black		
ODOR:	•	Gasoline	•	
VISCOSITY	:	Low (<100 cps)		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: 80-88 (Xylene) FLAMMABLE SOLID: No
EXTINGUISHING MEDIA: Carbon dioxide on dry chemical. Water may be ineffective.
Use water fog to cool flame.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 5000 mg/kg (Xylene) SKIN SENSITIZER: SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
DEGREE OF TRRITATION. STIGHT
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water for 15 minutes. Obtain medical attention.
INGESTION: Obtain immediate medical attention.  INHALATION:
INIADATION:
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE BH 7
HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and open flame.
PROTECTIVE EQUIPMENT
Face Shield, Rubber Gloves
WASTE DISPOSAL
TYPE OF DRUM: UL DOT Tight Top Bung or Transfer to T-1
DRUM LABELING: Gold, EPA Hazardous, DOT Flammable Liquid, Special Handling
EPA HAZARDOUS WASTE #: DOOI
RHODE ISLAND CLASSIFICATION: Type IC - Slightly Towics Type 2B - Market 1 - 2B

mable; Type 7C - Slightly Irritating

DISPOSAL METHOD: <u>Incineration</u>

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Soak up with sawdust or Speedi-Dri and place in fibre drum

for incineration.

ENV-WD-2GG,A11-12



PRODUCT NAME		CODE NUMBER		
GENERIC NAME Alcohol Arom	atic Hydrocarbon	<del></del>		
SHIPPING NAME Waste Solven	t NOS	<del></del>		
PREPARER Stephen Spear	rman	EFFECTIVE	November 18,	1982
ENVIRONMENTAL APPROVAL	1.01	SUPERSEDES	None	
	COMPOSITION			<del>-</del>
Z RANGE COMPOUND	· · · · · · · · · · · · · · · · · · ·			
55-65 Xylene	·	HALOGEN:	( 0 )	0%
35-45 Isopropanol		SULFUR:	0 %	
Trace Nitrobenzene	.e.	NITROGEN:	0 %	•
0-2 Organic Impurities	3			
<u> </u>	CHEMICAL AND PHYSICAL 1	PROPERTIES		
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.8	_
WATER SOLUBILITY:	Partial (IPA)	рH:	6-7	_
HEAT VALUE (MBTU/LB):	16	% ASH:	0	·
% SUSPENDED SOLIDS:	None			
IDENTITY:				
% DISSOLVED NON-VOLATILES:	None			
IDENTITY:	<u></u>			
LAYERING:	No			
UPPER:		•	•	
LOWER:				
COLOR:	Amber			
DDOR:	Paint Thinner			
/ISCOSITY:	Low			

PRODUCT NAME	· · · · · · · · · · · · · · · · · · ·	CODE NUMBER
•	FIRE HAZARD DATA	
FLASH POINT °F: 53 (IPA)	FLAMMABLE	SOLID:
EXTINGUISHING MEDIA: Foam, ca	rbon dioxide, dry chem	nical.
	- <del></del>	
FIRE-FIGHTING PROCEDURE: Wear	self-contained breath	ning apparatus.
	HEALTH DATA	
TOXICITY: LD50 4800 mg SKIN IRRITANT: Ye		SKIN SENSITIZER: No DEGREE OF IRRITATION: Slight
EMER	GENCY AND FIRST AID PR	OCEDURES
EYE CONTACT: Flush eyes with SKIN CONTACT: Wash with soap	water for 15 minutes.	Obtain medical attention.
INGESTION: Obtain immediate Remove to fresh	e medical attention.	
Nemove to fresh		
REACTIVE: No	SPECIAL PRECAUTIONS	
REACTIVE: No CORROSIVE: No		IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS	: Store away from hea	t, spark and flame.
	PROTECTIVE EQUIPMENT	
Rubber Gloves, Eye Protection.		
-	WASTE DISPOSAL	
TYPE OF DRUM: UL DOT		
DRUM LABELING: Gold, EPA Hazar	dous, Flammable Liquid	·
EPA HAZARDOUS WASTE #: DOO1		
RHODE ISLAND CLASSIFICATION: 3	A - Highly Flammable; C - Slightly Toxic.	7C - Slightly Irritating;
DISPOSAL METHOD: Incinerate.		
ULTIMATE FATE:		
SPILL OR LEAK PROCEDURE: Absor	b on sawdust. Place i	n a fiber drum and overpack
in an H-17 drum. Label both dr	ums as above.	
ENV-WD-2GG, S1, A19-20		

# 1 0

PRODUCT	NAME	· <u>··</u> ·	CODE NUMBER	_
GENERIC	NAME Aromatic Hyd	rocarbon	<del></del>	
SHIPPING	NAME Waste Solven	t NOS	<del></del>	
PREPARER	Stephen Spea	rman	EFFECTIVE	November 18, 1982
ENVIRONM	ENTAL APPROVAL	1.6	SUPERSEDES	None
		COMPOSITION		
Z RANGE	COMPOUND	,		
<u>50-70</u>	Isopropanol	<del></del>	HALOGEN:	<u>(</u> 0 ) 0%
30-50	Water		SULFUR:	0 %
Trace	Xylene	<u></u>	NITROGEN:	0 %
		CHEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL	STATE:	Liquid	DENSITY:	0.9
WATER SO	LUBILITY:	Soluble	pH:	6-7
HEAT VAL	UE (MBTU/LB):	8	% ASH:	0
% SUSPEN	DED SOLIDS:	None		
I	DENTITY:			
% DISSOL	VED NON-VOLATILES:	None		•
. II	DENTITY:			
LAYERING	:	No		
UI	PPER:			
LO	OWER:			
COLOR:		Amber		
ODOR:		Rubbing Alcohol		
VISCOSITY	<b>:</b> •	Low		

PRODUCT NAME CODE NUMBER				
FIRE HAZARD DATA				
FLASH POINT °F: 53 (Isopropanol) FLAMMABLE SOLID:				
EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical.				
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.				
HEALTH DATA				
TOXICITY: LD <sub>50</sub> 8340 mg/kg SKIN SENSITIZER: No DEGREE OF IRRITATION:				
EMERGENCY AND FIRST AID PROCEDURES				
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.				
INGESTION: Obtain immediate medical attention.				
INHALATION: Remove to fresh air.				
SPECIAL PRECAUTIONS				
REACTIVE: No IF CORROSIVE pH =				
HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark and flame.				
PROTECTIVE EQUIPMENT				
Rubber Gloves, Eye Protection.				

#### WASTE DISPOSAL

DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid

EPA HAZARDOUS WASTE #: D001

RHODE ISLAND CLASSIFICATION: 3B - Moderately Flammable

DISPOSAL METHOD: Incinerate.

ULTIMATE FATE:

TYPE OF DRUM: UL DOT

SPILL OR LEAK PROCEDURE: Flush to drain with plenty of water.

# 30 l

PRODUCT NAME	The second secon	CODE NUMBER	•
GENERIC NAME Filter Media	<u> </u>		·
SHIPPING NAME Poisonous So	lid, Corrosive NOS		
PREPARER S. V. O'Brie	n	EFFECTIVE	November 19, 1980
ENVIRONMENTAL APPROVAL	E Reach	SUPERSEDES	None
	COMPOSITION		
Z RANGE COMPOUND			
70-80 Water	·	HALOGEN:	(Chlorine)0.2%
15-25 Subs	tuted Triazine	SULFUR:	0 %
0.5-1	Diazonium Chloride	NITROGEN:	7 %
1-5 Ortho-nitroanilin	e		
.5-2 Polypropylene Fil	ter Bags		
0.05- HC1			
	CUENTON AND DUNCTURE		
	CHEMICAL AND PHYSICAL PR	ROPERTIES	
PHYSICAL STATE:	Mixed Waste	(BULK) DENSITY:	1.0-1.2
WATER SOLUBILITY:	Partial	pH:	1.5-2
HEAT VALUE (MBTU/LB):	N/A	% ASH:	1-2
% SUSPENDED SOLIDS: IDENTITY:	20		
	substituted Triazine and o-nitroaniline		•
·	bags		
% DISSOLVED NON-VOLATILES: IDENTITY:	1-3		•
LAYERING:	Substituted Triazine		
UPPER:	Yes Water		·
LOWER:			
	Substituted Triazine and Filter Bags		
COLOR:	Yellow		
ODOR:	Faint Shoe		·
•	Polish Odor		
VISCOSITY:	N/A		

PRODUCT NAME	CODE NUMBER
FIRE HAZARD DATA	
FLASH POINT °F: None FLAMMABLE	SOLID: No
EXTINGUISHING MEDIA: Water, carbon dioxide	
FIRE-FIGHTING PROCEDURE: Use self-contained breath	ing apparatus since oxides of
nitrogen may form.	
HEALTH DATA	
TOXICITY: LD <sub>50</sub> High	CVIN CRIVETATE TO
SKIN IRRITANT: Yes	SKIN SENSITIZER: Unknown DEGREE OF IRRITATION: Moderate
EMERGENCY AND FIRST AID PR	
EYE CONTACT: Flush eyes with water for 15 minutes.	Obtain medical attention.
Skin contact: Wash with soap and water.	
INGESTION: Obtain immediate medical attention. INHALATION:	
SPECIAL PRECAUTIONS	
REACTIVE: No	
CORROSIVE: Yes	IF CORROSIVE pH = 1.5-2.0
HANDLING & STORAGE PRECAUTIONS: Avoid contact with	<del></del>
absorbed through skin.	skin because o hittoaniline is
PROTECTIVE EQUIPMENT	
· · · · · · · · · · · · · · · · · · ·	
Rubber gloves, apron, face shield.	·
WASTE DISPOSAL	·
TYPE OF DRUM: 55 gallon blue 5/8 inch bolt ring (H-fiber drum insert (Code #93-952-304). Both drums mu	17) with 30 gallon blo-lined st be labeled.
DRUM LABELING: Gold, DOT Corrosive, EPA Hazardous W. Poison	aste, Secure Landfill, DOT
EPA HAZARDOUS WASTE #:D002	
RHODE ISLAND CLASSIFICATION: Type 1B - Highly Toxic	Waste, Type 4 - Corrosive Waste
DISPOSAL METHOD: Secure landfill.	
ULTIMATE FATE: If dries out, may form explosive di	iazo mixtures.
SPILL OR LEAK PROCEDURE: Sweep up, place under water	r in a drum and fill with
Speedi-Dri and label as above.	
ENV-WD-2, B9-10, S2	

# 2 1

PRODUCT NAME FILLER REST	IDUE	CODE NUMBER	
GENERIC NAME Substituted	Triazine		
SHIPPING NAME Waste Poiso	nous Solid, Corrosive, N	los	
PREPARER Stephen Spe	,	EFFECTIVE.	November 18, 1982
ENVIRONMENTAL APPROVAL	1. Cert	SUPERSEDES	None
·	COMPOSITION		None
% RANGE COMPOUND	. ,		
70-80 Water	·	HALOGEN:	(Chlorine)0.2%
15-25 sub	stituted :-Triazine	SULFUR:	0 %
0.5-1	Diazonium Chloride	NITROGEN:	
1-5 Ortho-Nitroanili			
0.05- Polypropylene Fi	lter Bags	-	
0.15 HC1			
	CHEMICAL AND PHYSICAL PR	ROPERTIES	
PHYSICAL STATE:	Mixed Waste	(BULK) DENSITY:	1.0-1.2
WATER SOLUBILITY:	Partial	pH:	1.5-2.0
HEAT VALUE (MBTU/LB):	N/A	% ASH:	1-2
% SUSPENDED SOLIDS: IDENTITY:	20		
	substituted Triazine and O-nitroaniline		
% DISSOLVED NON-VOLATILES: IDENTITY:	1-3		
	Substituted Triazine		
LAYERING:	Yes		
UPPER: LOWER:	Water		•
	Substituted Triazine and Filter Bags		
COLOR:	Yellow		
ODOR:	Faint Shoe Polish		
VISCOSITY:	N/A		

PRODUCT NAME		CODE NUMBER	
,	 FIRE HAZARD DATA		
FLASH POINT *F: None	FLAMMABLE	SOLID: No	
EXTINGUISHING MEDIA: Water	Carbon Dioxide, Foam		,
	Jse self-contained breath	ing apparatus since oxid	es
of nitrogen may form.		8	
or mringen may rotus	HEALTH DATA		···
TOXICITY: LD <sub>50</sub>	50 - 500 mg/kg Yes	SKIN SENSITIZER: DEGREE OF IRRITATION:	Unknown Moderate
	EMERGENCY AND FIRST AID P	ROCEDURES	
SKIN CONTACT: Wash with so	with water for 15 minutes pap and water. Historian medical attention.	. Obtain medical attent	ion.
	SPECIAL PRECAUTIONS		
REACTIVE: No CORROSIVE: Yes		IF CORROSIVE pH =	1.5-2.0
HANDLING & STORAGE PRECAUT	IONS: Avoid contact with	skin because o-nitroani	line is
absorbed through the skin.			
	PROTECTIVE EQUIPMEN	<u>T</u> .	÷
Rubber Gloves, Apron, Face	Shield		<u>.</u>
	WASTE DISPOSAL		
TYPE OF DRUM: 55 gallon b	lue, 5/8 inch, bolt-ring insert (Code #93-952-304)		
DRUM LABELING: Gold, DOT Handling	Corrosive, EPA Hazardous	Waste, Secure Landfill,	Special
EPA HAZARDOUS WASTE #:	D002		•
RHODE ISLAND CLASSIFICATION	N: Type 1B - Moderately	Toxic; Type 4 - Corrosiv	ve Waste.
DISPOSAL METHOD: Secure 1	andfill.		
ULTIMATE FATE: If dries	out, it may form explosi	ve diazo mixtures.	
SPILL OR LEAK PROCEDURE:	Sweep up, place under wat	er in a drum and fill wi	Lth

Speedi-Dri and label as above.

## (24)

## CIBA-GEIGY CORPORATION CRANSTON, RHODE ISLAND



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Non-Halogena	ted Solvent and Water	. <u> </u>	
SHIPPING NAME Waste Solven	t (Alcohol Solution)	<del></del>	
PREPARER Todd Brennan		EFFECTIVE	November 19, 1980
ENVIRONMENTAL APPROVAL	E Beach	SUPERSEDES	<u>None</u>
	COMPOSITION		
% RANGE COMPOUND	•		
55-65 Isopropyl Alcohol	·	HALOGEN:	0%
35-45 Water		SULFUR:	0%
Trace Xylene	<u></u> -	NITROGEN:	0%
	CHEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.89
WATER SOLUBILITY:	Infinite	pH:	Neutral
REAT VALUE (MBTU/LB):	8.2	% ASH:	0
% SUSPENDED SOLIDS:	None		
IDENTITY:	<del></del>		,
% DISSOLVED NON-VOLATILES:	<u>None</u>		
IDENTITY:	<del></del>		
LAYERING:	<u>No</u>		
UPPER:			
LOWER:	<del></del>	·	·
COLOR:	Clear		.,
ODOR:	Rubbing Alcohol		
VISCOSITY:	Low		

PRODUCT NAME CODE NUMBER	
FIRE HAZARD DATA	
FLASH POINT °F: 53°F FLAMMABLE SOLID: N/A	
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical and alcohol type foams.	
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.	
HEALTH DATA	
TOXICITY: LD 50 Non-Hazardous SKIN SENSITIZER: SKIN IRRITANT: DEGREE OF IRRITATION:	Unknown
EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT: Flush with water for 15 minutes. Get medical attention.  SKIN CONTACT: Wash with water.  INGESTION: INHALATION:	
SPECIAL PRECAUTIONS	
REACTIVE: No IF CORROSIVE pH =	N/A
HANDLING & STORAGE PRECAUTIONS: Storage should be in non-combustible surroun	ndings.
Keep away from heat, spark or flame.	
PROTECTIVE EQUIPMENT	
Rubber gloves and face shield.	
WASTE DISPOSAL	
TYPE OF DRUM: Non-chlorinated waste solvent tank or 55 gallon, unlined, tight bung, reconditioned DOT steel drum. (Code #93-957-559)	nt-top

DRUM LABELING: DOT Flammable Liquid, Gold label, EPA Hazardous Waste

EPA HAZARDOUS WASTE #: DOO1

RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable

DISPOSAL METHOD: Incineration

ULTIMATE FATE:

SPILL OR LEAK PROCEDURE: Flush down drain with plenty of water.

# 130

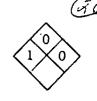
PRODUCT NAME	· -	CODE NUMBER	
GENERIC NAME Non-Halogena	ited Solvent		
SHIPPING NAME Waste Solven	t (Xylene Solution)	<del></del> -	
PREPARER Ian Campbell		EFFECTIVE	May 18, 1981
ENVIRONMENTAL APPROVAL	1. O.	SUPERSEDES I	November 19, 1980
- Arrig	COMPOSITION	<u>v</u>	
Z RANGE COMPOUND			-
40 Isopropyl Alcohol		HALOGEN:	0%
60 Xylene	· · · · · · · · · · · · · · · · · · ·	SULFUR:	0%
0-2 Organic Impuritie	s	NITROGEN:	0%
-	CHEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.8
WATER SOLUBILITY:	<u>Partial</u>	pH:	N/A
HEAT VALUE (MBTU/LB):	16	% ASH:	0
% SUSPENDED SOLIDS:	None		
IDENTITY:	<del></del>		
% DISSOLVED NON-VOLATILES:	None .		
IDENTITY:	<del></del>		
LAYERING:	No		
UPPER:			
LOWER:			
COLOR:	Amber	·	
DDOR:	Hydrocarbon and Alcohol		
ISCOSITY:	Low	-	

PRO	DUCT	NAME

CO	77.	NUMBER
4 4 1		MILMER

### FIRE HAZARD DATA

FLASH POINT °F: 53°F (Isopropyl FLAMMABLE	SOLID: N/A
Alcohol)	C. Salanana .
EXTINGUISHING MEDIA: Carbon dioxide or dry chemical fires.	on small fires. Foam on large
FIRE-FIGHTING PROCEDURE: Use self-contained breathi	ng apparatus. Water may be
ineffective. Use a spray (fog) to control flames.	
HEALTH DATA	
TOXICITY: LD <sub>50</sub> Non-Toxic SKIN IRRITANT: Yes	SKIN SENSITIZER: Unknown
SKIN IRRITANT: Yes	DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PR	OCEDURES
EYE CONTACT: Flush with water for 15 minutes. Get	medical attention.
SKIN CONTACT: Wash with water. INGESTION:	
INHALATION:	
SPECIAL PRECAUTIONS	
REACTIVE: No	
CORROSIVE: No	IF CORROSIVE pH = N/A
HANDLING & STORAGE PRECAUTIONS: Keep away from heat	, spark and flame.
PROTECTIVE EQUIPMENT	
Rubber gloves and face shield.	·
WASTE DISPOSAL	
TYPE OF DRUM: Normally piped directly to storage ta top bung, reconditioned DOT steel dru	nk or 55 gallon, unlined, tight-
DRUM LABELING: DOT Flammable Liquid, Gold label, EP	A Hazardous Waste
EPA HAZARDOUS WASTE #:DOO1	
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately F Slightly Irritating Wa	lammable Waste, Type 7C - ste
DISPOSAL METHOD: Incineration	· ·
ULTIMATE FATE:	
SPILL OR LEAK PROCEDURE: Clean up spills with absor	bing agent (saw dust) and place
in a fiber drum and over pack into a H-17 steel drum	. Label both drums as above.



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Filter Media			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SHIPPING NAME Organic Mixt	ures/Non-Hazardous	<del>.</del>	
PREPARER Ian Campbell		EFFECTIVE	May 18, 1981
ENVIRONMENTAL APPROVAL	7.01		
<del>-</del> ,	COMPOSITION		ovember 19, 19
7 RANGE COMPOUND	<u> </u>		
<del></del>			
50-60 Filtrol Special Gr Adsorbent	rade 4 (Clay	HALOGEN:	0%
40-50 Water		SULFUR:	0%
0.5-3 Filter Papers			
Trace Isopropyl Alcohol	<del></del>	NITROGEN:	0%
		•	
	CHEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Mixed Waste	(BULK) DENSITY:	1.0-1.2
WATER SOLUBILITY:	Partially	pH:	7-9
HEAT VALUE (MBTU/LB):	0	% ASH:	50-60
% SUSPENDED SOLIDS:	50-60		
IDENTITY:	Filtrol Special Grade 4		
% DISSOLVED NON-VOLATILES:	None		•
IDENTITY:			
LAYERING:	No		
UPPER:			
LOWER:			
COLOR:	Grey		
ODOR:	None		
VISCOSITY:	N/A		•

- · · · · · · · · · · · · · · · · · · ·	
PRODUCT NAME	CODE NUMBER
-	
<u>F</u>	IRE HAZARD DATA
FLASH POINT °F:	FLAMMABLE SOLID: N/A
EXTINGUISHING MEDIA: N/A	
FIRE-FIGHTING PROCEDURE: None	
	HEALTH DATA
TOXICITY: LD 50 Non-Hazardous No	SKIN SENSITIZER: No DEGREE OF IRRITATION:
EMERGENCY	AND FIRST AID PROCEDURES
<del></del>	<del> </del>
EYE CONTACT: Flush with water for Wash with water. INGESTION: INHALATION:	15 minutes. Get medical attention.
INNALATION:	
SPEC	CIAL PRECAUTIONS
REACTIVE: No	
CORROSIVE: No	IF CORROSIVE pH = N/A
HANDLING & STORAGE PRECAUTIONS: Nor	ne required.
PROT	TECTIVE EQUIPMENT
Rubber gloves and eye protection.	•
<u> </u>	ASTE DISPOSAL
TYPE OF DRUM: 55 gallon, lined, lev	ver lock, H-5 reconditioned, open top steel drum.
DRUM LABELING: Gold label with Non-	

EPA HAZARDOUS WASTE #:

ULTIMATE FATE:

RHODE ISLAND CLASSIFICATION: Non-Hazardous

DISPOSAL METHOD: Local landfill.

SPILL OR LEAK PROCEDURE: Sweep up and place in drums as above.



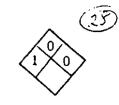
PRODUCT NAME		CODE NUMBER	· -
GENERIC NAME Filter Medi	La		- <del>-</del>
SHIPPING NAME Poisonous S	olid, Corrosive NOS		
PREPARER Todd Brenna	in	EFFECTIVE	November 19, 198
ENVIRONMENTAL APPROVAL	E Beach	SUPERSEDES	None
•	COMPOSITION		
Z RANGE COMPOUND			
70-80 Water		HALOGEN:	(Chlorine)0.2%
15-25	Substituted Triazine	SULFUR:	0 %
0.5-1 Diazonium Chi		NITROGEN:	
1-5 Ortho-nitroanili	ne		
.5-2 Polypropylene Fi			
0.05- HC1	2460		•
0.15			
	CHEMICAL AND PHYSICAL PI	ROPERTIES	
PHYSICAL STATE:	Mixed Waste	(BULK) DENSITY:	1.0-1.2
WATER SOLUBILITY:	Partial Partial	pH:	1.5-2
HEAT VALUE (MBTU/LB):	N/A	% ASH:	1-2
% SUSPENDED SOLIDS:	20		
IDENTITY:	Substituted Triazine		
% DISSOLVED NON-VOLATILES	and o-nitroaniline		
IDENTITY:	Substituted Triazine		
LAYERING:	Yes		••
UPPER:	Water		•
LOWER:	C. J. C. January		
	Substitute Triazine and Filter Bags		
COLOR:	Yellow	•	
DDOR:			
DOR.	Faint Shoe		
	Polish Odor		
ISCOSITY:	N/A		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: None FLAMMABLE SOLID: No
EXTINGUISHING MEDIA: Water, carbon dioxide, foam.
FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus since oxides of
nitrogen may form.
HEALTH DATA
TOXICITY: LD SKIN SENSITIZER: Unknown DEGREE OF IRRITATION: Moderate
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain immediate medical attention.  INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No CORROSIVE: Yes IF CORROSIVE pH = 1.5-2.0
HANDLING & STORAGE PRECAUTIONS: Avoid contact with skin because o-nitroaniline is
absorbed through skin.
PROTECTIVE EQUIPMENT
Rubber gloves, apron, face shield.
WASTE DISPOSAL
TYPE OF DRUM: 55 gallon blue 5/8 inch bolt ring (H-17) with 30 gallon blo-lined fiber drum insert (Code #93-952-304). Both drums must be labeled.
DRUM LABELING: Gold label, DOT Corrosive label, EPA Hazardous Waste label, Secure Landfill label, Special Handling label, DOT Poison label
EPA HAZARDOUS WASTE #: DO02
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic Waste; Type 4 - Corrosive Waste
DISPOSAL METHOD: Secure landfill.
ULTIMATE FATE: If dries out, may form explosive diazo mixtures.

SPILL OR LEAK PROCEDURE: Sweep up, place under water in a drum and fill with

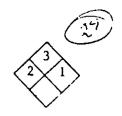
ENV-WD-2, 89-10, S2

Speedi-Dri and label as above.



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Filter Media		<del></del>	
SHIPPING NAME Waste Organic	Mixture, NOS		
PREPARER Marshall Norde	quist	EFFECTIVE	February 16, 1982
ENVIRONMENTAL APPROVAL	J. C.	SUPERSEDES	None
	COMPOSITION		
Z RANGE COMPOUND			
40-45 Water 35-40 Tars (Phenolic By-	Products)	HALOGEN: SULFUR:	( ) 0%
15-30 Hyflo Super Cel 3-4 Filter Papers		NTTROGEN:	<u> </u>
1-2 Methanol Trace Nitrobenzene			
<u>CI</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY:	1.0 - 1.2
WATER SOLUBILITY:	Partial	pH:	6 - 7
HEAT VALUE (MBTU/LB):	0	% ASH:	20
% SUSPENDED SOLIDS:	<u> </u>		
IDENTITY:	Diatomaceous Earth		
Z DISSOLVED NON-VOLATILES:	None		
IDENTITY:	<u></u>		·
LAYERING:	No		
UPPER:		· .	-
LOWER:	·		
COLOR:	Gray		
ODOR:	Cresote Type		
VISCOSITY:	N/A		

PRODUCT NAME	<u> </u>	CODE	NUMBER
	FIRE HAZARD DATA		
FLASH POINT °F:	FLAMMABLE	SOLTD:	
EXTINGUISHING MEDIA: Water, Dry	Chemical		
FIRE-FIGHTING PROCEDURE: No spec	ial precautions rec	uired.	
<del></del>			
	HEALTH DATA		
TOXICITY: LD <sub>50</sub> Best Estimate 500 No	) - 5000 mg/kg	SKIN SEN DEGREE	SITIZER: No None
EMERGEN	CY AND FIRST AID PE	ROCEDURES	
		Obtain	medical attention.
INGESTION: Obtain immediate m			
TNHALATION:			
<u>.</u>	SPECIAL PRECAUTIONS		
REACTIVE: No CORROSIVE: No		IF	CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS:	None required.		
	none_required.		
<u>F</u>	PROTECTIVE EQUIPMENT	<u> </u>	
Rubber Gloves, Eye Protection.			·
•	WASTE DISPOSAL		
TYPE OF DRUM: 30 Gallon, Blo-lin 5/8" Bolt-Ring H-17, 55 Gallon Dr	ed Drum (Code #93-9 um (Code #93-958-55	952-304) 99).	- Overpack in Blue
DRUM LABELING: Gold, Special Han	dling		
EPA HAZARDOUS WASTE #:	<del></del>		
RHODE ISLAND CLASSIFICATION: Typ	e IC - Slightly Tox	ic Waste	
DISPOSAL METHOD: Incineration			
ULTIMATE FATE:			
SPILL OR LEAK PROCEDURE: Sweep u	p and return to sau	e contain	ner.
<del></del>		<u></u>	

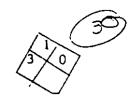


	MAGME DAMA GUERN		$\vee$
	WASTE DATA SHEET		
PRODUCT NAME		CODE NUMBER	
GENERIC NAME Non-Halogenat	ted Solvent		
SHIPPING NAME Waste Solvent	t NOS (Methanol Solution)	· ·	
PREPARER Ian Campbell		EFFECTIVE	January 26, 1981
ENVIRONMENTAL APPROVAL	E Reach	SUPERSEDES	None
ter.	COMPOSITION		
Z RANGE COMPOUND			
43-47 Methanol 27-29 Water		HALOGEN:	0%
16-18 Ethylene Glycol 6-8 Alkyl substituted	- have l	SULFUR:	%
2-4 Special Naphtholit	ie	NITROGEN:	0%
<u> </u>	CHEMICAL AND PHYSICAL PRO	PERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	1.0-1.2
WATER SOLUBILITY:	Partial Partial	pH:	3-7
HEAT VALUE (MBTU/LB):	<5	% ASH:	<1
% SUSPENDED SOLIDS:	0		
IDENTITY:			
% DISSOLVED NON-VOLATILES:	7		
IDENTITY:	Alkyl Substituted phenol		
LAYERING:	Yes (possible)		
UPPER:	Special Naphtholite		•
LOWER:	Methanol/Water/ Ethylene Glycol		
COLOR:	Yellow		
ODOR:	Alcohol		
VISCOSITY:	Low		

### FIRE HAZARD DATA

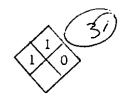
•	: 25°C (Special Naphtholite)	FLAMMABLE	SOLID:	N. A.
EXTINGUISHING	MEDIA: Water, carbon d	loxide-	· · · · · · · · · · · · · · · · · · ·	
FIRE-FIGHTING	PROCEDURE: No special	procedures		
	•	HEALTH DATA		
TOXICITY: LD <sub>5</sub> SKIN IRRITANT:	0 4300 mg/kg Yes		SKIN SENSITI DEGREE OF IR	
	EMERGENCY A	ND FIRST AID PR	OCEDURES	
EYE CONTACT: SKIN CONTACT: INGESTION:	Flush eyes with water Wash with soap and water Obtain immediate medicate	er.	Obtain medi	cal attention.
	SPECIA	AL PRECAUTIONS		
	No .		IF CORR	OSIVE pH =
HANDLING & STOR	RAGE PRECAUTIONS: Avoid	contact with	peroxides.	
	PROTEC	TIVE EQUIPMENT		
Rubber gloves,	eye protection and face	shield		
	WAS	TE DISPOSAL		
TYPE OF DRUM:	DOT, 55 gallon, unlined	, tight top bur	ng (Code #93-	957 <u>–559)</u>
DRUM LABELING:	Gold, DOT Flammable, S	pecial Handling	<u> </u>	·
EPA HAZARDOUS W	ASTE #: <u>D001</u>			
RHODE ISLAND CL waste; 3A - hig	ASSIFICATION: <u>1C - sli</u> hly flammable waste	ghtly toxic was	te; 7B - mode	erately irritating
DISPOSAL METHOD	: Incineration (T-1 us	ed due to error	•)	
ULTIMATE FATE:		_ <del></del>	· <u>-</u>	
SPILL OR LEAK P	ROCEDURE: Flush with w	ater to sewer.		<del></del>

ENV-WD-2B, A23-24



PRODUCT NAI		CODE NUMBER	
GENERIC NAME Filter Media			
SHIPPING NAME Hazardous Was	ste Solid, NOS		
PREPARER Marshall Nore	dquist	EFFECTIVE F	February 16, 1982
ENVIRONMENTAL APPROVAL	1. Port	SUPERSEDES	None
, <del>.</del>	COMPOSIT	TION	
Z RANGE COMPOUND	•		
64-66         Carbon           24-27         Water           3-4         Nitrobenzenes           2-3         Papers           1-2         Phenolic By-Product           1         Acetone	ets	HALOGEN: SULFUR: NITROGEN:	(C1 Trace) 0% 0 % Trace %
<u>c</u>	CHEMICAL AND PHYSI	CAL PROPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY:	1.0 - 1.2
WATER SOLUBILITY:	Partial	pH:	6 - 7
HEAT VALUE (MBTU/LB):	0	% ASH:	70
Z SUSPENDED SOLIDS:	65-70		· · · · · ·
IDENTITY:	Phenolic By- Products, Paper, Carbon		
% DISSOLVED NON-VOLATILES:	None		
IDENTITY:			
LAYERING:	None		
UPPER:			
LOWER:			
COLOR:	Black		
ODOR:	Odorless	•	
VISCOSITY:	. N/ A		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: >200°F FLAMMABLE SOLID: No
EXTINGUISHING MEDIA: Water, Dry Chemical, Foam
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Oxides of
nitrogen will form, nitrobenzene vapors may be released.
HEALTH DATA
TOXICITY: LD Calc. 16,000 mg/kg (Nitrobenzene SKIN SENSITIZER: Unknown DEGREE OF IRRITATION: Unknown
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain immediate medical attention.  INHALATION: ——
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Keep container closed, avoid breathing vapors,
keep area well ventilated.
PROTECTIVE EQUIPMENT
Rubber Gloves, Eye Protection.
WASTE DISPOSAL
TYPE OF DRUM: 30 Gallon, Blo-lined Drum (Code #93-952-304) - Overpack in Blue 5/8" Bolt-Ring H-17, 55 Gallon Drum (Code #93-958-559).
DRUM LABELING: Gold, Special Handling
EPA HAZARDOUS WASTE #:
RHODE ISLAND CLASSIFICATION: Type 9 - Hazardous NOS (On extremely hazardous waste list due to nitrobenzene.)
DISPOSAL METHOD: Incinerate
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Sweep up, repack and label as above.



PRODUCT	NAME		CODE NUMBER	
GENERIC :	NAME <u>Filter Media</u>			
SHIPPING	NAME Waste Charcoal	, Activated	<del></del>	•
PREPARER	Marshall Nordo	uist	EFFECTIVE _	June 25, 1982
ENVIRONM	ENTAL APPROVAL	7. Comp	SUPERSEDES _	None
	•	COMPOSITION	<u>NC</u>	
% RANGE	COMPOUND			
60-78	Carbon_		HALOGEN:	( 0 ) 0%
0-3	Xylene		SULFUR:	0 %
0-20	Methanol		NITROGEN:	Trace %
0.03- 0.05	Nitrobenzene		·	
20	Steel	<u> </u>		
	CH	EMICAL AND PHYSIC	AL PROPERTIES	
PHYSICAL	STATE:	Solid	(BULK) DENSITY:	0.4
WATER SOI	LUBILITY:	Partial	pH:	6-8
HEAT VALU	JE (MBTU/LB):		% ASH:	20-25
% SUSPENI	DED SOLIDS:			
. II	DENTITY:			•
% DISSOLV	VED NON-VOLATILES:		٠	
II	DENTITY:		, , , , , , , , , , , , , , , , , , ,	•
LAYERING:				••
UF	PER:	<u></u>		
LC	OWER:			
COLOR:		Black		
ODOR:		Alcohol		
VISCOSITY	/:	NA .	·	*

PRODUCT NAME	artis e e e e	CODE N	NUMBER	<del></del>
·	FIRE HAZA	ARD DATA		
FLASH POINT °F: 52°	F (Methanol)	FLAMMABLE SOLID:	Yes	
EXTINGUISHING MEDIA:	Water, Dry Chemical,	Carbon Dioxide, Al	lcohol Foam	
FIRE-FIGHTING PROCEDU	JRE: None	<u> </u>		
	HEALTH	1 DATA		
TOXICITY: LD <sub>50</sub>	>5,000 mg/kg No		SITIZER: OF IRRITATION:	No 
	EMERGENCY AND FIF	RST AID PROCEDURES		
EYE CONTACT: Flush SKIN CONTACT: Wash	eyes with water for 15	minutes. Obtain	medical attention	on.
	with soap and water. n immediate medical att			
	to fresh air.	.encron.		<del>_</del>
<del></del>	SPECIAL PRE	CAUTIONS		
REACTIVE: No				
CORROSIVE: No	e *	IF	CORROSIVE pH =	
HANDLING & STORAGE PR	RECAUTIONS: Keep away	from heat, sparks	and flames.	_
	PROTECTIVE	EQUIPMENT		
	WASTE DI	SPOSAL		
TYPE OF DRUM: Over-p	eack in recovery drum.		_	

DRUM LABELING: Gold, Flammable Solid, Secure Landfill
EPA HAZARDOUS WASTE #: D001
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable
DISPOSAL METHOD: Secure landfill.
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Sweep up and repack in recovery drum.

## 3'2

## CIBA-GEIGY CORPORATION CRANSTON, RHODE ISLAND

# 20

PRODUCT NAME		CODE NUMBER	
GENERIC NAME Aromatic Hyd	drocarbon		
SHIPPING NAME Waste Flamma	able Liquid NOS.		
PREPARER Marshall No.	rdquist	EFFECTIVE	May 28, 1982
ENVIRONMENTAL APPROVAL	1. Of.	SUPERSEDES	None
th-	COMPOSITION		
Z RANGE COMPOUND			
50-70 Isopropanol		HALOGEN:	( 0 ) 0%
30-50 Water		SULFUR:	0 %
Trace Xylene		NITROGEN:	0 %
	CHEMICAL AND PHYSICAL	PROPERTIES	<del></del>
PHYSICAL STATE:	Liquid	DENSITY:	0.9
WATER SOLUBILITY:	Soluble	pH:	6-7
HEAT VALUE (MBTU/LB):	8	% ASH:	0
% SUSPENDED SOLIDS:	- None		
IDENTITY:			
% DISSOLVED NON-VOLATILES:	None		
IDENTITY:			
LAYERING:	No		
UPPER:			
LOWER:			
COLOR:	Amber		
DDOR:	Rubbing Alcohol		
/ISCOSITY:	Low		

y 5			
PRODUCT NAME		CODE NUMBER	
FIRE	HAZARD DATA	<b>-</b> /	
FLASH POINT °F: 53 (Isopropanol)	FLAMMABLE	SOLID:	
EXTINGUISHING MEDIA: Water, carbon di	oxide, dry che	emical.	
		174	
FIRE-FIGHTING PROCEDURE: Wear self-co	ntained breath	ning apparatus.	
<u> </u>	EALTH DATA		
TOXICITY: LD <sub>50</sub> 8340 mg/kg SKIN IRRITANT: No		SKIN SENSITIZER: DEGREE OF IRRITATION:	No
EMERGENCY AN	D FIRST AID PR	-	
EYE CONTACT: Flush eyes with water for SKIN CONTACT: Wash with soap and water	or 15 minutes.	Obtain medical attention	on.
INGESTION: Obtain immediate medica. INHALATION: Remove to fresh air.	l attention.	· · · · · · · · · · · · · · · · · · ·	
and the state of t			
	PRECAUTIONS		
REACTIVE: No CORROSIVE: No		IF CORROSIVE pH =	
HANDLING & STORAGE PRECAUTIONS: Store	away from heat		
		11000	<del></del>
PROTECT	IVE EQUIPMENT		
Rubber Gloves, Eye Protection.			
WAST	E DISPOSAL		<del></del>
TYPE OF DRUM: UL DOT			
DRUM LABELING: Gold, EPA Hazardous, Fla	ammable Liquid		·
EPA HAZARDOUS WASTE #: DOO1			
RHODE ISLAND CLASSIFICATION: 3B - Mode	rately Flammab	le	
DISPOSAL METHOD.			

SPILL OR LEAK PROCEDURE: Flush to drain with plenty of water.

ULTIMATE FATE:

## (33

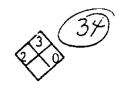
## CIBA-GEIGY CORPORATION CRANSTON, RHODE ISLAND

# 2 3 0

PRODUCT NAME		CODE NUMBER	w	
GENERIC NAME Aromatic Hydr	ocarbon			
SHIPPING NAME Waste Flammab	le Liquid NOS.			
PREPARER Marshall Nord	quist	EFFECTIVE	May 28, 1982	
ENVIRONMENTAL APPROVAL	1. Ch	SUPERSEDES	None	
	COMPOSITI	<u>on</u>		
Z RANGE COMPOUND		<del>-</del>		
99+ Xylene		HALOGEN:	( 0 )	0%
Trace Nitrobenzene		SULFUR:	0 %	_
		NITROGEN:	0 %	
<u>C</u>	HEMICAL AND PHYSIC	AL PROPERTIES		
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.9	
WATER SOLUBILITY:	Insoluble	pH:	1	
HEAT VALUE (MBTU/LB):	16	% ASH:	0	
% SUSPENDED SOLIDS:	None			
IDENTITY:				
% DISSOLVED NON-VOLATILES:	None			
IDENTITY:				-
LAYERING:	No			
UPPER:			•	
LOWER:				
COLOR:	Colorless	•		
ODOR:	Paint Thinner		•	
VISCOSITY:	Low			

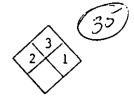
### FIRE HAZARD DATA

FLASH POINT °F	80 - 88	FLAMIABLE	SOLID:	
EXTINGUISHING N	MEDIA: Foam, carbo	on dioxide, dry chem	ical.	
1 - 3 (18-5)		No del tari della comina della comi	· · · · · · · · · · · · · · · · · · ·	
FIRE-FIGHTING H	PROCEDURE: Wear se	lf-contained breath	ing apparatus.	<del></del>
		HEALTH DATA	-	
TOXICITY: LD50		<u> </u>	SKIN SENSITIZER:	No
SKIN IRRITANT:	Yes	<del></del>	DEGREE OF IRRITATION:	Slight
, <del>''</del>	EMERGEN	CY AND FIRST AID PR	OCEDURES	
EYE CONTACT:	Flush eyes with wa	ter for 15 minutes.	Obtain medical attent	ion.
SKIN CONTACT: INGESTION:	Obtain immediate m	th soap and water.		
	Remove to fresh ai			
	. · <u>S</u>	PECIAL PRECAUTIONS		
REACTIVE:	No.			
	No		IF CORROSIVE pH =	
HANDIING & STOP	ACE DDECAUTIONS.	Store area from her	t, spark and flame.	<del></del>
IMIDELING & STOR	AGE TRECAUTIONS.	score away from nea	c, spark and rlame.	<del></del>
<del></del>	<del></del>	· · · · · · · · · · · · · · · · · · ·		
	<u>P</u>	ROTECTIVE EQUIPMENT		
Rubber Gloves,	Eye Protection.			
		WASTE DISPOSAL		
TYPE OF DRUM:	UL DOT			
DRUM LABELING:	Gold, EPA Hazardo	us, Flammable Liquid	1	
EPA HAZARDOUS W.				<del></del>
	<del></del>	·		
RHODE ISLAND CL		- Slightly Toxic; 31 - Slightly Irritati	B - Moderately Flammable	2;
DISPOSAL METHOD	: Incineration.			
ULTIMATE FATE:				
SPILL OR LEAK PI	ROCEDURE: Absorb	on sawdust and place	e in 30 gallon fiber cor	ntainer
and overpack in			ept that Flammable Label	
	; also use Special		;	
ENV-WD-2GG S1 A2			<del></del>	



PRODUCT NAME	. <u>.</u> .	CODE NUMBER	
GENERIC NAME Aromatic Hyd	rocarbon		
SHIPPING NAME Waste Flamma	ble Liquid, NOS		
PREPARER Marshall Norce	lquist	EFFECTIVE	June 11, 1982
ENVIRONMENTAL APPROVAL	1. Cif-	SUPERSEDES	None
	COMPOSIT	ION	
% RANGE COMPOUND	,	<b>`</b>	
90-95 Xylene		HALOGEN:	<u>( 0</u> ) 0%
Trace Substituted ben	zotriazoles	SULFUR:	0 %
5-10 Organic Impurities		NI TROGEN:	
1-2 Aniline		WI TROUBIT.	Trace %
	HEMICAL AND PHYSIC	'AI PPOPERTIES	
PHYSICAL STATE:	Liquid		
WATER SOLUBILITY:		(BULK) DENSITY:	8
HEAT VALUE (MBTU/LB):	Insoluble	pH:	8-9
	16	% ASH:	
% SUSPENDED SOLIDS:	None		
IDENTITY:	<del></del>		
% DISSOLVED NON-VOLATILES:	None		
IDENTITY:			
LAYERING:	No		
UPPER:			
LOWER:			
COLOR:	Brown		
ODOR:	Xylene		
VISCOSITY:	Low		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: 80-88 FLAMMABLE SOLID:
EXTINGUISHING MEDIA: Foam, Carbon Dioxide, Dry Chemical
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.
•
HEALTH DATA
TOXICITY: LD <sub>50</sub> 4300 mg/kg SKIN SENSITIZER: No SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.
SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain immediate medical attention.
INHALATION: Remove to fresh air.
SPECIAL PRECAUTIONS
REACTIVE: No
CORROSIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Store away from heat, sparks and flame.
PROTECTIVE EQUIPMENT
Rubber Gloves, Eye Protection
WASTE DISPOSAL
TYPE OF DRUM: UL DOT or to T-1
DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid
EPA HAZARDOUS WASTE #:
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic; Type 3B - Moderately Flam-mable; Type 7C - Slightly Irritating
DISPOSAL METHOD: Incineration
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Absorb on sawdust, place in fiber drum and overpack in
an H-17 drum. Label both drums as above - Flammable Solid.



PRODUCT NAME	<u> </u>	· CODE NUMBER	
GENERIC NAME Non-Halogenat	ed Solvent		
SHIPPING NAME Waste Solvent	NOS (Xylene Solution	on)	
PREPARER Ian Campbell	·	EFFECTIVE	January 26, 1981
ENVIRONMENTAL APPROVAL	[ Beach	SUPERSEDES	None
	COMPOSITION	Ţ	
Z RANGE COMPOUND			
50-70		HALOGEN:	0%
0-2 0-Phenylene Diamin 10-20 Substituted B	e enzotriazoles	SULFUR:	%
0-5 Isopropanol 5-10 Substituted Azoben		NITROGEN:	<u>2-5</u> %
. <u>c</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	1.0-1.2
WATER SOLUBILITY:	Insoluble	pH:	10-12
HEAT VALUE (MBTU/LB):	9-12	% ASH:	<5
% SUSPENDED SOLIDS:	0		· ·
IDENTITY:			
% DISSOLVED NON-VOLATILES:	35-50		
IDENTITY:	Misc. Organics (same as above)		
LAYERING:	No		
UPPER:			
LOWER:	·		
COLOR:	Black		
ODOR:	Aromatic		
VISCOSITY:	Medium		

### FIRE HAZARD DATA

FLASH POINT °F: 81 (Xylene) FLAMMABLE SOLID: No				
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical				
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Water may be ineffective. Will cause fire to spread. However, a fine water fog used in conjunction with foam will cool the vapors so as to reduce the possibility of "flash back."				
HEALTH DATA				
TOXICITY: LD <sub>50</sub> 2600 mg/kg SKIN SENSITIZER: No SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight				
EMERGENCY AND FIRST AID PROCEDURES				
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash thoroughly with soap and water.  INGESTION: Obtain immediate medical attention.				
SPECIAL PRECAUTIONS				
REACTIVE: No IF CORROSIVE pH =				
HANDLING & STORAGE PRECAUTIONS:				
PROTECTIVE EQUIPMENT				
Rubber gloves, face shield				
WASTE DISPOSAL				
TYPE OF DRUM: DOT, 55 gallon, unlined, tight top (Code #93-957-559) or bulk storage (T-1)				
DRUM LABELING: Gold, Flammable Liquid, EPA Hazardous Waste				
EPA HAZARDOUS WASTE #: F003				
RHODE ISLAND CLASSIFICATION: 1C - slightly toxic waste; 7C - slightly irritating waste; 3B - moderately flammable waste				
DISPOSAL METHOD: Incineration with scrubber				
ULTIMATE FATE:				
SPILL OR LEAK PROCEDURE: Cover with sawdust, place in fiber drum, overpack in H-17, label both drums as above and send for incineration.				

ENV-WD-2B, A21-22

## (36)

## CIBA-GEIGY CORPORATION CRANSTON, RHODE ISLAND



PRODUCT NAME		_ CODE NUMBER _	
GENERIC NAME Alcohol/Arom.	atic Hydrocarbon		. •
SHIPPING NAME Waste Flamma	ble Liquid, NOS		
PREPARER M. Nordquist		EFFECTIVE _	June 3, 1982
ENVIRONMENTAL APPROVAL	1. Cof	SUPERSEDES _	None
	COMPOSITION		
% RANGE COMPOUND	<i>,</i>		
55 - 65 Xylene		HALOGEN:	( 0 ) 0%
35 - 45 Isopropanol		SULFUR:	0%
	, e <sup>c</sup>	NITROGEN:	%
<u>9</u>	CHEMICAL AND PHYSICAL P	ROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.8
WATER SOLUBILITY:	Partial (IPA)	pH:	2 - 3
HEAT VALUE (MBTU/LB):	16	% ASH:	0
% SUSPENDED SOLIDS:	None		
IDENTITY:		,	
% DISSOLVED NON-VOLATILES:	None		
IDENTITY:			
LAYERING:	No		·
UPPER:			
LOWER:		-	·
COLOR:	Amber		••
DDOR:	Paint Thinner		
/ISCOSITY:	Low		

PRODUCT NAME		CODE NUMBER _	
	FIRE HAZARD DATA		
FLASH POINT °F: 53°F	FLAMMA BLE	SOLID:	:
EXTINGUISHING MEDIA: Foam, car	rbon dioxide, dry chem	mical.	
TIPE PERMIT	self-contained breath		
	HEALTH DATA		
TOXICITY: LD50 480 SKIN IRRITANT: Y	00 mg/kg /es	SKIN SENSITIZER: DEGREE OF IRRITATION:	No Slight
EMERG	ENCY AND FIRST AID PR	OCEDURES	
EYE CONTACT: Flush eyes with SKIN CONTACT: Wash with soap a	water for 15 minutes.	Obtain medical attenti	on.
INGESTION: Obtain immediate	medical attention.		
INHALATION: Remove to fresh	air.		
	SPECIAL PRECAUTIONS		
REACTIVE: No CORROSIVE: Yes		IF CORROSIVE pH =	2 - 3
HANDLING & STORAGE PRECAUTIONS:	Store away from hear		
	PROTECTIVE EQUIPMENT		
N/A	- NOTEOTIVE EQUIPMENT		
	WASTE DISPOSAL		<u> </u>
TYPE OF DRUM: UL DOT; To T-1			
DRUM LABELING: Gold, EPA Hazard	dous, Flammable Liquic	, Corrosive	
EPA HAZARDOUS WASTE #: DOO1			
RHODE ISLAND CLASSIFICATION: Ty	/pe lC - Slightly toxi /pe 7C - Slightly irri	c; Type 3A - Highly Flam	mable;
DISPOSAL METHOD: Incinerate.			
ULTIMATE FATE:			

SPILL OR LEAK PROCEDURE: Absorb on sawdust. Place in fiber drum and overpack in

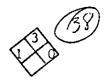
an H-17. Label both drums as above.

ENV-WD-2GG, A29-30



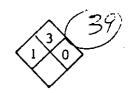
PRODUCT NAME	·.	CODE NUMBER	
GENERIC NAME Filter Media	•		
SHIPPING NAME Poisonous So	lid Corrosive NOS		
PREPARER Todd Brennan		EFFECTIVE	November 19, 1980
ENVIRONMENTAL APPROVAL	E Reach	SUPERSEDES	None
• •	COMPOSITION		
Z RANGE COMPOUND	· · · ·		
70-80 Water		HALOGEN:	(Chlorine)0.1%
15-25 SUBSTITUTED TR	CIAZINES	SULFUR:	0 %
1-5 Ortho-nitroaniline	e	NITROGEN:	7%
0.05- HC1 0.15			
0.5-1 Ortho-nitrobenzene	SALT		
. <u>(</u>	CHEMICAL AND PHYSICAL PRO	OPERTIES .	
PHYSICAL STATE:	Mixed Waste	(BULK) DENSITY:	1.0-1.2
WATER SOLUBILITY:	Partial	pH:	1.5-2
HEAT VALUE (MBTU/LB):	0	% ASH:	1-2
% SUSPENDED SOLIDS:	20		
IDENTITY:	SUBSTITUTED Tria-		
<pre>% DISSOLVED NON-VOLATILES:</pre>	zine Ortho-nitro- aniline 1-3 3085TTUTED Tria-		
LAYERING:	zine Yes		
UPPER:	Water		
LOWER:	SUBSTITUTED Tria- zine, Ortho-nitro-	· ,	
COLOR: ODOR:	aniline Yellow Faint Shoe		
VISCOSITY:	Polish Odor N/A		

FLASH POINT °F:	None	FL	AMMABLE :	SOLID:	No	
EXTINGUISHING M	EDIA: Water,	carbon dioxide	or foam.			
FIRE-FIGHTING P	ROCEDURE: Us	e self-contained	breathi	ng appar	atus since oxi	des of
nitrogen may fo	rm.					
•		HEALTH	DATA			
TOXICITY: LD50		Moderate		SKIN SE	ENSITIZER:	Unknown
SKIN IRRITANT		Yes			OF IRRITATION:	
	EM	ERGENCY AND FIRS	T AID PRO	OCEDURES	<u>.</u>	-
EYE CONTACT:	Flush eyes wi	th water for 15 i	minutes.	Obtain	medical atten	tion.
SKIN CONTACT:	Wash with soa	p and water.				
INGESTION: INHALATION:	Obtain immedi.	ate medical atte	ntion.			
				_		<del></del>
		SPECIAL PRECA	AUTIONS			
REACTIVE: N	<b>o</b>					
CORROSIVE: Y	es			IF	CORROSIVE PH	<u> 1.5-2.0</u>
HANDLING & STOR	AGE PRECAUTION	NS: Avoid contac	ct with s	skin bec	ause o-nitroan	iline is
absorbed throug	h skin.					
		PROTECTIVE E	QUIPMENT			
Rubber gloves,	face shield. (	<del></del>	•			
	<u> </u>		DOCA!			<del></del>
1		WASTE DISI	OSAL			•
TYPE OF DRUM: blo-lined fiber	55 gallon blue drum (Code #9	e 5/8 inch bolt 1 93-952-304). Bot	ring drum	must be	with 30 gallor	<u> </u>
<del>-</del>			-			
DROM LABELING: Landfill label.	Special Hand	OOT Corrosive lab ling label, Poiso	oel, EPA	Hazardo	us Waste label	, Secure
			// Tabel	<del></del>		<del></del>
EPA HAZARDOUS W	ASTE #: <u>D002</u>	<del></del>				
RHODE ISLAND CL. Waste; Type 7C			ately To	xic Was	te; Type 4 - Co	orrosive
DISPOSAL METHOD	: Secure land	ffill.				
ULTIMATE FATE:	Dries out,	may form explosi	ve diazo	mixtur	es.	
SPILL OR LEAK P	ROCEDURE: Swe	ep up, place und	ler water	inad	rum, fill with	
Speedi-Dri and l	label as above	·	. <u>-</u> —			
FNV-WD-2 RII_I						<u> </u>



PRODUCT NAME _	<del></del>		CODE NUMBER	<u> </u>
GENERIC NAME N	on-Halogenate	ed Solvent and Wate	er	
SHIPPING NAME W	aste Solvent	NOS (IPA Solution)	)	
PREPARER R	obert Kofsky		EFFECTIVE N	November 19, 1980
ENVIRONMENTAL A	PPROVAL	E Bevel	SUPERSEDES	None
		COMPOSITIO	<u>NC</u>	
Z RANGE COMPOU	<u>ND</u>	•		
70-80 Isopro	panol	<del></del>	HALOGEN:	(Chlorine) 0%
15-19 Toluen	<u>e</u>		SULFUR:	%
3-7 Water	<u> </u>		NITROGEN:	%
	riazole			
	СН	EMICAL AND PHYSICA	AL PROPERTIES	
PHYSICAL STATE:		Liquid	(BULK) DENSITY:	.8-1.0
WATER SOLUBILITY	Y:	Partial	pH:	7-9
HEAT VALUE (MBT	U/LB):	9-12	% ASH:	0.03
% SUSPENDED SOL	IDS:	1-5		. •
IDENTITY	:	<u>5085770TED BENZO</u> p-Cresol	TRIAZOLE	
% DISSOLVED NON-	-VOLATILES:	.23		•
IDENTITY	:			
LAYERING:		None	·	•
UPPER:		<del></del>		••
LOWER:		<del></del>		
COLOR:		Dirty Brown		
ODOR:		Isopropanol Odor	• ·	
VISCOSITY:		Low		•

FLASH POINT °F: 40°F (Toluene) FLAMMABLE SOLID: Not Applicable
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical and alcohol-type foam.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.
HEALTH DATA
TOXICITY: LD <sub>50</sub> Non-Hazardous - 5840 mg/kg (rat) SKIN SENSITIZER: Unknown for isopropyl alcohol
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with plenty of water.
INGESTION: INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH = N/A
HANDLING & STORAGE PRECAUTIONS: Storage should be in non-combustible surroundings
away from acids or oxidizing materials and heat, spark and flame.
PROTECTIVE EQUIPMENT
Face shield and rubber gloves.
WASTE DISPOSAL
TYPE OF DRUM: Non-chlorinated waste solvent tank or 55 gallon unlined, tight-top bung, reconditioned DOT steel drum (Code #93-957-559).
DRUM LABELING: Gold label, DOT "Flammable Liquid," EPA Hazardous Waste.
EPA HAZARDOUS WASTE #: DOOI
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable, Type 7C - Slightly Irritating
DISPOSAL METHOD: Incineration
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Flush down drain with plenty of water.

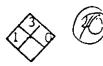


PRODUCT 1	NAME <u></u>		CODE NUMBER	
GENERIC 1	NAME Non-Halo	ogenated Solvent and Water		
SHIPPING	NAME Waste So	olvents NOS (IPA Solution)	<del></del>	
PREPARER	Robert R	Kofsky	EFFECTIVE	November 19, 1980
ENVIRONME	ENTAL APPROVAL	. E Reach	SUPERSEDES	None
•		COMPOSITION		
% RANGE	COMPOUND	·	•	
50-70	Isopropanol	<del></del> <u></u>	HALOGEN:	0%
30-50	Water		SULFUR:	0%
			NITROGEN:	0%
		CHEMICAL AND PHYSICAL PR	OPERTIES	
PHYS ICAL	STATE:	Liquid	(BULK) DENSITY:	89
WATER SOL	UBILITY:	Infinite	pH:	Neutral
HEAT VALU	E (MBTU/LB):	8.2	% ASH:	0
% SUSPEND	ED SOLIDS:	<u>N</u> one		
ID	ENTITY:	<u></u>	•	
% DISSOLV	ED NON-VOLATI	LES: None		
ID	ENTITY:	<del></del>		
LAYERING:		No		
UP	PER:			
LO	WER:	<u> </u>		
COLOR:		Water White to Pale Yellow		
ODOR:		Rubbing Alcohol		
VISCOSITY	:	Low		

ממ	ODUC'	T	ME
PK	UDUL.	1 NA	Mr.

CODE NUMBER

FLASH POINT °F: 53 (Isoprop Alcohol)		SOLID: Not Applicable	<u>.</u> :
EXTINGUISHING MEDIA: Carbon	dioxide, dry chemical	and alcohol-type foams.	
FIRE-FIGHTING PROCEDURE: We	ar self-contained breat	hing apparatus.	·
	HEALTH DATA		
TOXICITY: LD <sub>50</sub> Non-	-Hazardous No	SKIN SENSITIZER: DEGREE OF IRRITATION:	Unknown
. <u>EM</u>	ERGENCY AND FIRST AID P	ROCEDURES	
EYE CONTACT: Flush eyes wi SKIN CONTACT: Wash with soa INGESTION:	th water for 15 minutes p and water.	• Obtain medical atten	tion.
	SPECIAL PRECAUTIONS		
REACTIVE: No CORROSIVE: No		IF CORROSIVE pH =	= <u>N/A</u>
HANDLING & STORAGE PRECAUTIO Keep away from heat, spark o		in non-combustible surro	oundings.
	PROTECTIVE EQUIPMENT	<u> </u>	
Rubber gloves and face shiel	d.		
,	WASTE DISPOSAL		
TYPE OF DRUM: Non-chlorinat reconditioned	ed waste solvent tank or , DOT, steel drum (Code	r 55 gallon, unlined, t: #93-957-559).	ight-top,
DRUM LABELING: DOT "Flammab	le Liquid," Gold label,	EPA Hazardous Waste	<del></del>
EPA HAZARDOUS WASTE #:	D001		
RHODE ISLAND CLASSIFICATION:	Type 3B - Moderately B	Flammable	
DISPOSAL METHOD: <u>Incinerati</u>	on	<del></del>	<del></del>
ULTIMATE FATE:			
SPILL OR LEAK PROCEDURE: F1	ush down drain with plen	nty of water.	



PRODUCT NAME		CODE NUMBER .	
GENERIC NAME Non-Halogenat	ed Solvent	<del></del>	_
SHIPPING NAME Waste Solvent	s NOS (IPA Solution)	<del></del>	
PREPARER Todd Brennan		EFFECTIVE N	ovember 19, 1980
ENVIRONMENTAL APPROVAL	E Benel	SUPERSEDES	None
A 5	COMPOSITION		
% RANGE COMPOUND			
35-45 Isopropanol		HALOGEN:	0%
55-65 Toluene		SULFUR:	0%
0-2 Organic Impurities		NITROGEN:	0%
<u>C1</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.8
WATER SOLUBILITY:	Partial	pH:	N/A
HEAT VALUE (MBTU/LB):	16.7	% ASH:	0
% SUSPENDED SOLIDS:	0		· .
IDENTITY:			
% DISSOLVED NON-VOLATILES:	0-1		
IDENTITY:			
LAYERING:	No		
UPPER:			
LOWER:		-	٠.
COLOR:	Amber		
ODOR:	Toluene/IPA		
VISCOSITY:	Low		

FLASH POINT *F:	40°F (Toluene)	FLAMMABLE	SOLID:	No	<del></del>
EXTINGUISHING MED		xide or dry chemica s accompanied—by wa		fires. Fo	am on large
FIRE-FIGHTING PRO	CEDURE: Water 1	may be ineffective;	use water	spray to c	ontrol flame.
		HEALTH DATA			
TOXICITY: LD 50 - SKIN IRRITANT:	Non-Haza No	ardous	SKIN SEN	SITIZER: F IRRITATIO	Unknown N: Slight
•	EMERGE	NCY AND FIRST AID P	ROCEDURES		
	ush eyes with wash with soap and	ater for 15 minutes d water.	. Obtain r	medical att	ention.
	<u>.</u>	SPECIAL PRECAUTIONS			
REACTIVE: No CORROSIVE: No	<del></del>		IF (	CORROSIVE P	H = <u>N/A</u>
HANDLING & STORAG	E PRECAUTIONS:	Keep away from heat	t, spark a	nd flame.	<u> </u>
	<u>.</u> 1	PROTECTIVE EQUIPMENT	<u>r</u>		
Rubber gloves and	face shield.				
		WASTE DISPOSAL			
		rectly to storage to		gallon, unl	ined, tight-
DRUM LABELING: D	OT "Flammable L	iquid," Gold label,	EPA Hazar	dous Waste	
EPA HAZARDOUS WAS	TE #:D00	<u> </u>			
RHODE ISLAND CLAS		pe 3B - Moderately lightly Irritating Wa		Waste, Type	7C -
DISPOSAL METHOD:	Incineration		<del></del>		
ULTIMATE FATE:			_		
SPILL OR LEAK PRO	CEDURE: Clean u	up spills with absor	rbing agen	t (saw dust	) and place
in fiber drum and	overpack in H-1	17 drum as above. I	Label both	drums as a	bove.



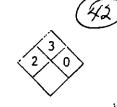
PRODUCT NAME	• • •	CODE NUMBER	, ~i
GENERIC NAME Aromatic Amine	e ··	· 	
SHIPPING NAME Waste Organic	Liquid, NOS		
PREPARER Donald Hill		EFFECTIVE A	pril 19, 1982
ENVIRONMENTAL APPROVAL	l. Cef	SUPERSEDES	None
	COMPOSITION		
Z RANGE COMPOUND			
100 Substituted Aromat:	ic Amine	HALOGEN:	( None ) 0%
		SULFUR:	None%
···	<del></del>	NITROGEN:	%
<u>CI</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	1.0
WATER SOLUBILITY:	Insoluble	pH:	Neutral
HEAT VALUE (MBTU/LB):	10	% ASH:	None
% SUSPENDED SOLIDS:	None		
IDENTITY:	<del></del>		, .
% DISSOLVED NON-VOLATILES:	None		
IDENTITY:	·		
LAYERING:	<u> </u>		1
UPPER:			
LOWER:			
COLOR:	Brown		
ODOR:	Fishy		
VISCOSITY:	100 - 10,000		

PRODUCT NAME		·· <del>····</del>	CODE NUMBER	
	FI	RE HAZARD DATA	_	
FLASH POINT °F:	Unknown	FLAMMABLE	SOLID:	
EXTINGUISHING M	EDIA: <u>Carbon dioxide</u>	, dry chemical,	foam, or water.	<u> </u>
FIRE-FIGHTING P	ROCEDURE: Wear self-	contained breath	ning apparatus because to	xic
nitrogen oxides	are generated on com	bustion.		
		HEALTH DATA		
TOXICITY: LD <sub>50</sub> LDLO SKIN IRRITANT:			SKIN SENSITIZER:  DEGREE OF IRRITATION:	Unknown
		AND FIRST AID PR	-	
SKIN CONTACT:	Wash with soap and wa	ter.	Obtain medical attenti	
	SPEC	AL PRECAUTIONS		
REACTIVE:			IF CORROSIVE pH =	
HANDLING & STOR	AGE PRECAUTIONS: No s	special procedur	es required.	
	PROTE	CCTIVE EQUIPMENT	-	
Rubber Gloves,	Safety Glasses			·
	<u>w</u>	STE DISPOSAL	·	
TYPE OF DRUM:	JL, TT Steel 14 Gauge,	55 Gallon Drum	; Preferably Pump into T	-1
DRUM LABELING:	Gold, Special Handlin	ng		
EPA HAZARDOUS WA	ASTE #: None Required	<u> </u>		
RHODE ISLAND CLA	ASSIFICATION: Type 11	- Moderately T	oxic	
DISPOSAL METHOD:	Incinerate with Scr	ubber at McInto	sh.	
III TIMATE CATE.				

SPILL OR LEAK PROCEDURE: Absorb on Speedi-Dri. Put into 30 gallon blo-lined;

ENV-WD-2GG,A15-16

Overpack in H-17 and label both drums.

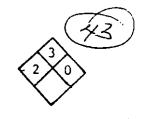


PRODUCT NAME		CODE NUMBER	
GENERIC NAME Filter Media	With Solvent		
SHIPPING NAME Waste Flammab	le Solid, NOS.		
PREPARER Donald Hill		EFFECTIVE	October 14, 1982
ENVIRONMENTAL APPROVAL	f. Corp	SUPERSEDES	November 19, 1980
·			and 89-365-010-02 Dated 11/19/80
	COMPOSITION	1	
Z RANGE COMPOUND			
45-60 Filter Paper		HALOGEN:	%
35-55 Toluene	.· 	SULFUR:	%
0-15 Water		NITROGEN:	%
<u>c</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Mixed	(BULK) DENSITY	: <u><l< u=""></l<></u>
WATER SOLUBILITY:	0 - 15	pH:	7 - 12
HEAT VALUE (MBTU/LB):	<10	% ASH:	·
% SUSPENDED SOLIDS:	N/A		,
IDENTITY: 1 1 4 80 124	- <del></del>		
% DISSOLVED NON-VOLATILES:	N/A	1	
IDENTITY:			
LAYERING:	None		
UPPER:			
LOWER:			. •
COLOR:	Brown		
ODOR:	Paint Thinner		
VISCOSITY:	_Not Applicable :		

	PR	ODI	JCT	NAME
--	----	-----	-----	------

ር በ ከ ተ	NIMBER	

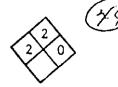
FLASH POINT 'F: 40 (Toluene) FLAMMABLE SOLID: Yes	
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam.	
FIRE-FIGHTING PROCEDURE: Fine Water	
FIRE-FIGHTING PROCEDURE: Fine water spray in conjunction with foam will cool the	
vapors to reduce the possibility of "flash back."	
HEALTH DATA	
TOXICITY: LD <sub>50</sub> Oral Rat =>5000 mg/kg (Toluene) SKIN SENSITIZER: Unknown SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight	<u>1</u>
EMERGENCY AND FIRST AID PROCEDURES	<u>-</u>
EYE CONTACT:  SKIN CONTACT:  INGESTION:  INHALATION:  Remove to fresh air. If not breathing give artificial respiration and obtain medical attention.  If breathing is difficult give oxygen	
SPECIAL PRECAUTIONS	-
REACTIVE: No CORROSIVE: No	
IF CORROSIVE DH = N/A	_
HANDLING & STORAGE PRECAUTIONS: Avoid breathing vapors and avoid skin contact.	
Keep away from heat, sparks or flame.	-
PROTECTIVE EQUIPMENT	-
Rubber Gloves	
WASTE DISPOSAL	•
TYPE OF DRUM: Fiber container overpacked in DOT H-17 steel drum.	
	,
DRUM LABELING: Flammable Solid, Gold label "Hazardous" written on it. EPA Hazard-	
EPA HAZARDOUS WASTE #: F-005	
RHODE ISLAND CLASSIFICATION: 3B - Moderately Flammable; 7C - Slightly Irritating	
DISPOSAL METHOD: Incinerate.	
ULTIMATE FATE:	
SPILL OR LEAK PROCEDURE: Pick up and place in same type of drum as above. Label as above.	



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Aromatic Hyd	rocarbon	<del></del>	
SHIPPING NAME Waste Solvens	t, NOS	<del> </del>	
PREPARER D. H111		EFFECTIVE	July 23, 1982
ENVIRONMENTAL APPROVAL	1. Cox	SUPERSEDES	None
•	COMPOSITIO	N	
Z RANGE COMPOUND	•		
10 - 30 Substitute aromati	lc amine	HALOGEN:	( 0 ) %
70 - 90 Toluene	· · · · · · · · · · · · · · · · · · ·	SULFUR:	o z
		NITROGEN:	1 - 3 %
<u>(</u>	CHEMICAL AND PHYSICA	L PROPERTIES	<del></del>
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.89 - 0.92
WATER SOLUBILITY:	Insoluble	pH:	Neutral
HEAT VALUE (MBTU/LB):	>10	% ASH:	None
% SUSPENDED SOLIDS:	None		-
IDENTITY:			·
% DISSOLVED NON-VOLATILES:	10 - 30		
IDENTITY:	SUBSTITUTED AMINE		
LAYERING:	None		
UPPER:			
LOWER:			
COLOR:	Brown	•	
ODOR:	Fishy, Sweet Aromatic		
VISCOSITY:	<100 cp	,	

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: _40 (Toluene) FLAMMABLE SOLID:
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam. Water may be ineffective.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus because toxic ni-
trogen dioxides are generated on combustion. Do not use water to fight toluene
fire. Water causes fire to spread. Hoewever, a fine water fog used in conjunction
with foam will cool the vapors and reduce possibility of "flash back."
HEALTH DATA
TOXICITY: LD <sub>50</sub> 448 mg/Kg Oral, Rat for Tofranil SKIN SENSITIZER:
SKIN IRRITANT: Yes (Toluene) DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: SKIN CONTACT: INCESTION: INHALATION:  Flush eyes with water for 15 minutes. Obtain medical attention.  Wash with soap and water.  Obtain immediate medical attention.  If inhaled, remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen. Obtain medical attention.
SPECIAL PRECAUTIONS
REACTIVE: IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Breathing vapors may be harmful. Flammable. Keep
away from heat, sparks or flames.
PROTECTIVE EQUIPMENT
Rubber gloves, eye protection, air-supplied hood or self-contained breathing apparatus for potential overexposure.
WASTE DISPOSAL
TYPE OF DRUM: UL TT Steel 14 Gauge 55 gallon drum. Preferably pump into T-1.

DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste
EPA HAZARDOUS WASTE #: F-005
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic; Type 3B - Moderately Flam-mable; Type 7C - Slightly Irritating.
DISPOSAL METHOD: Incinerate with scrubber at McIntosh.
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Absorb on Speedi-Dri. Put in 30 gallon blow-lined, over-
pack in H-17 and label both drums as above.
ENV-WD-2GG, B19-20

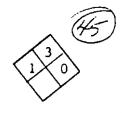


PRODUCT NAME	- · · · · · · · · · · · · · · · · · · ·	CODE NUMBER	
GENERIC NAME Aromatic Amin	e		
SHIPPING NAME Waste Organic	Liquid, NOS	<del></del>	
PREPARER Donald Hill		EFFECTIVE AF	oril 19, 1982
ENVIRONMENTAL APPROVAL	7. Col	SUPERSEDES	NONE
	COMPOSITIO	ON_	
% RANGE COMPOUND			
100 Substituted Aromat	ic Amine	HALOGEN:	( None ) 0%
		SULFUR:	None %
	·	NITROGEN:	%
<u>c</u> :	HEMICAL AND PHYSICA	AL PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	1.0
WATER SOLUBILITY:	Insoluble	pH:	Neutral
HEAT VALUE (MBTU/LB):	10	% ASH:	None
% SUSPENDED SOLIDS:	None		•
IDENTITY:			
% DISSOLVED NON-VOLATILES:	None		
IDENTITY:			
LAYERING:	None		
UPPER:			
LOWER:			
COLOR:	Yellow		
ODOR:	Fishy		
VISCOSITY:	100 - 10,000	•	

PRODUCT NAME
FIRE HAZARD DATA
FLASH POINT °F: Unknown FLAMMABLE SOLID:
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, or water.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus because oxides
of nitrogen are generated on combustion.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 448 mg/kg Oral Rat SKIN SENSITIZER: Unknown  SKIN IRRITANT: Unknown DEGREE OF IRRITATION:
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.
SKIN CONTACT: Wash with soap and water.
INGESTION: Obtain immediate medical attention. Monitor victim's breathing.
INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: No special procedures required.
PROTECTIVE EQUIPMENT
Rubber Gloves, Safety Glasses
WASTE DISPOSAL
TYPE OF DRUM: UL, TT Steel 14 Gauge, 55 Gallon Drum; Preferably Pump into T-1
DRUM LABELING: Gold, Special Handling
EPA HAZARDOUS WASTE #: None Required
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic
DISPOSAL METHOD: Incinerate with Scrubber at McIntosh.
ULTIMATE FATE:
SPILL OF LEAK PROCEDURE: Absorb on Spendi-Dri Put in 30 colleg blo lines.

ENV-WD-2GG,A17-18

pack in H-17 and label both drums.



PRODUCT NAME	· · · · · · · · · · · · · · · · · · ·	CODE NUMBER _	<u> </u>
GENERIC NAME Aliphatic Alc	cohol	<del></del>	
SHIPPING NAME Waste Flamma	ole Solvent, NOS		
PREPARER Donald Hill		EFFECTIVE <u>F</u>	March 30, 1982
ENVIRONMENTAL APPROVAL	1.65.	SUPERSEDES _	None
/	COMPOSITION		-1
Z RANGE COMPOUND	·		
95-96 Isopropyl Alcohol		HALOGEN:	( 0.6 ) 0%
4-5 Aliphatic Amine Hy	drochloride	SULFUR:	None %
<del></del>		NITROGEN:	0.4 %
<u>0</u>	HEMICAL AND PHYSICAL PR	ROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.8
WATER SOLUBILITY:	Infinite	pH:	5
HEAT VALUE (MBTU/LB):	13	% ASH:	None
% SUSPENDED SOLIDS:	None		
IDENTITY:			
% DISSOLVED NON-VOLATILES:	4 - 5		
IDENTITY:	Amine Hydrochloride		
LAYERING:	None		
UPPER:	<del></del>		
LOWER:			
COLOR:	Yellow		
ODOR:	Rubbing Alcohol		
VISCOSITY:	Low <100 cp (Waterlike)		

PRODUCT NAME	A Company of the Comp	CODE NUMBER	o co-grave-or
	FIRE HAZARD DA	<u>ATA</u>	
FLASH POINT °F: 53 (f	or IPA, Closed Cup)	FLAMMABLE SOLID:	
EXTINGUISHING MEDIA:	Carbon dioxide, dry chemic	cal, alcohol type foam	ns
(Type B, C extinguishe			
FIRE-FIGHTING PROCEDURI	E: <u>Wear self-contained br</u> hydrogenchloride on combu	reathing apparatus. Gustion.	ives off
		<del></del>	·
·	HEALTH DATA	<u>.</u>	
TOXICITY: LD <sub>50</sub> 4239 mg SKIN IRRITANT: Yes	;/kg	SKIN SENSITIZER: DEGREE OF IRRITA	TION: Slight
	EMERGENCY AND FIRST AI	D PROCEDURES	
INGESTION: Induce v	es with water for 15 minu h soap and water. Obtain omitting and obtain immed o fresh air.	modiosi see	
	SPECIAL PRECAUTION		
REACTIVE: CORROSIVE: HANDLING & STORAGE PRECA	AUTIONS: Store away from	IF CORROSIVE	
	PROTECTIVE EQUIPM	ENT	
Rubber Gloves, Apron			
	WASTE DISPOSAL	•	
TYPE OF DRUM: DOT 17E, #93-957-5	Heresite Lined, Tight-Top 75) or T-1.	, Steel, 55 Gallon Dr	um (Code
DRUM LABELING: DOT Flam	mable Liquid, Gold Label		
EPA HAZARDOUS WASTE #:	D001		
RHODE ISLAND CLASSIFICAT	ION: 1C - Slightly Toxic; 7C - Slightly Irrita	; 3B - Moderately Flam	
DISPOSAL METHOD: Incine	rate		
ULTIMATE FATE:			er grade a
SPILL OR LEAK PROCEDURE: tainer overpacked in an H	Absorb with sawdust and	place in a 30 gallon	fibre con-

ENV-WD-2GG, A9-10



### WASTE DATA SHEET

PRODUCT NAME

PRODUCT NAME		CODE NUMBER	- ` ⊬•• # <u>-</u> •
GENERIC NAME Halogenated O	rganic Solvent		
SHIPPING NAME Waste Solvent	, NOS	<del></del>	
PREPARER Nicholas Prom	in	EFFECTIVE	December 10, 1981
ENVIRONMENTAL APPROVAL	1. lop	SUPERSEDES	None
	COMPOSITION		
% RANGE COMPOUND			
100 Trichlorotrif1	uoroethane	HALOGEN:	Flourine 33% (Chloride) 60%
	<del></del>	SULFUR:	%
<del></del>		NITROGEN:	%
<del></del>			
	<del></del>		•
<u>C</u>	HEMICAL AND PHYSICAL I	PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	1.57
WATER SOLUBILITY:	0.02	pH:	Neutral
HEAT VALUE (MBTU/LB):	3 to 5	% ASH:	Trace
% SUSPENDED SOLIDS:	None		
IDENTITY:	·	•	
% DISSOLVED NON-VOLATILES:	None		,
IDENTITY:			
LAYERING:	None		•
UPPER:			
LOWER:			
COLOR:	Colorless		
DDOR:	Slight Ethereal Odor		
/ISCOSITY:	Low		

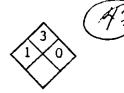
PRODUCT	NAME	LKEGET 1.	 	⇔कार के अंहि
INODUCI	HALLE	- N - N - N - N - N - N - N - N - N - N		= 1 10 17 14 15

CODE NUMBER

		FIRE HAZARD DATA			
FLASH POINT °F	: Non-Flammable	FLAMMABLE	solid: _	NA	_
EXTINGUISHING	MEDIA: Non-Flammab	le	<u> </u>		
FIRE-FIGHTING position may p	PROCEDURE: Wear se	lf-contained breath	ing appar	atus. Thermal	decom-
		HEALTH DATA			
TOXICITY: LD SKIN IRRITANT:	>10,000 r		SKIN SEN DEGREE O	SITIZER: F IRRITATION:	Slight Slight
· · ··	EMERGENO	CY AND FIRST AID PR	OCEDURES		
EYE CONTACT: SKIN CONTACT: INGESTION: INHALATION:	Flush eyes with was Wash with soap and Obtain immediate me Remove to fresh air	water. edical attention.		medical attenti	lon.
	. · <u>S</u> 1	PECIAL PRECAUTIONS			
REACTIVE:	No No			CORROSIVE pH =	<u></u>
MANDLING & STOP		Store containers in		dry area.	
		ROTECTIVE EQUIPMENT			
Jse air-supplie	ed mask in high conc	entrations.		<del></del> -	
	•.	WASTE DISPOSAL			
TYPE OF DRUM: 5 Code No. 93-	5 gallon unlined, t 957-559	ight top bung, rec	onditioned	DOT steel dru	m.
ORUM LABELING:	Gold, EPA Hazardou	ıs, Special Handlin	g		
EPA HAZARDOUS W	ASTE #: <u>F-002</u>	·			
HODE ISLAND CL	ASSIFICATION: Type	7C - Slightly Irr	itating	·	
ISPOSAL METHOD	: Incinerate at Mc	Intosh with scrubb	er.		
LTIMATE FATE:		· <del></del>			

SPILL OR LEAK PROCEDURE: Ventilate area - especially low places where heavy vapors

might collect.



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Aliphatic Ket	one	<del>-</del> -	
SHIPPING NAME Waste Solvent	NOS (Acetone Solution)	)	
PREPARER Don Hill		EFFECTIVE	November 30, 1982
ENVIRONMENTAL APPROVAL	- /./sf	SUPERSEDES	June 15, 1981
÷ 4.	COMPOSITION		
Z RANGE COMPOUND	•		
>99 Acetone		HALOGEN:	(Chlorine)0%
<1Total Non-Hazardou	s Contaminants	SULFUR:	Sum Less
0 Hazardous Contamin	ants	NITROGEN:	Than 1%
<u>c</u>	HEMICAL AND PHYSICAL PR	OPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	<0.8
WATER SOLUBILITY:	Infinite	pH:	7
HEAT VALUE (MBTU/LB):	12-16	% ASH:	Trace
% SUSPENDED SOLIDS:	0		· <del></del>
IDENTITY:	<del></del>		
% DISSOLVED NON-VOLATILES:	<1		
IDENTITY:			•
LAYERING:	No		
UPPER:			
LOWER:			
COLOR:	Variable	·	
ODOR:	Sharp Lacquer- Like Odor		
VISCOSITY:	Low	••	

FIRE HAZARD DATA				
FLASH POINT °F:4 (Acetone) FLAMMABLE SOLID: N/A				
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Alcohol Type Foam				
FIRE-FIGHTING PROCEDURE: Dilution of burning liquid with water (avoid splashing) will put out acetone fire.				
HEALTH DATA				
TOXICITY: LD <sub>50</sub> 9750 mg/kg, Oral-Rat (NIOSH 1978) SKIN SENSITIZER: Unknown DEGREE OF IRRITATION: Slight				
EMERGENCY AND FIRST AID PROCEDURES				
EYE CONTACT: Flush with water 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain medical attention.				
INHALATION: Remove to fresh air.				
SPECIAL PRECAUTIONS				
REACTIVE: No IF CORROSIVE pH =				
HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flame.				
PROTECTIVE EQUIPMENT				
Rubber gloves, eye protection; air-supplied hood or self-contained breathing apparatus for potential overexposure.				
WASTE DISPOSAL				
TYPE OF DRUM: Send to waste solvent tank but if drummed use unlined TT, 55 gallon reconditioned drum (Code #93-957-559).				
DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste, Special Handling				
EPA HAZARDOUS WASTE #: F003				
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste;  Type 7C - Slightly Irritating Waste				
DISPOSAL METHOD: Incineration				
ULTIMATE FATE:				
SPILL OR LEAK PROCEDURE: Clean up with absorbant, put in 30 gallon, blo-lined drum (Code #93-952-302), overpack in blue, 5/8" bolt ring, H-17 drum (Code #93-958-559)				

and label both drums as above.



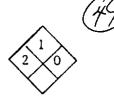
PRODUCT NAI	ME		CODE NOMBER	-
GENERIC NA	ME <u>Substituted P</u>	yrazolidinediones		
SHIPPING N	AME Waste Flammab	le Organic Solid NOS		
PREPARER	R. Catuogno		EFFECTIVE A	pril 23, 1981
ENVIRONMEN'	TAL APPROVAL	E Reach	SUPERSEDES _	None
٠.		COMPOSITION		
% RANGE CO	OMPOUND			
	y-Products Of Sub yrazolidinediones		HALOGEN:	( c1 )0.07%
15%-20% E	thanol		SULFUR:	5.7 %
		<del></del>	NITROGEN:	5.5%
	<u>c</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL S	TATE:	Solid	(BULK) DENSITY:	
WATER SOLU	BILITY:	<u>Partial</u>	pH:	Neutral
HEAT VALUE	(MBTU/LB):	12	% ASH:	
% SUSPENDE	D SOLIDS:	85		
IDE	NTITY:			
% DISSOLVE	D NON-VOLATILES:	85		
Į DE!	NTITY:	Substituted Py- razolidinediones		
LAYERING:	•	None		
UPPI	ER:			. •
LOWI	ER:			
COLOR:		Brown		
ODOR:		Alcohol-like		·
VISCOSITY:				

PRODUCT	NAME
---------	------

CODE	NUMBER
し、レノレフア。	MUPIER, R

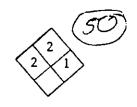
FLASH POINT °F:	68°	FLANMABLE	SOLID: _	Yes	_
EXTINGUISHING M	EDIA: Carbon dioxi	de, dry chemical			
FIRE-FIGHTING P	'ROCEDURE: Will giv	e off toxic fumes	if ignite	d. Wear self-	contained
breathing appar	atus.		<del></del> -		<del></del>
		HEALTH DATA			
TOXICITY: LD <sub>50</sub>	271 mg/kg Rat (Ora.	1) Moderately	SKIN SEN	SITIZER:	Unknown
SKIN IRRITANT:	Yes		DEGREE O	F IRRITATION:	Slight
**	EMERGENC	Y AND FIRST AID PR	OCEDURES		
	Flush eyes with wate		Obtain	medical attent	ion.
	Obtain immediate me				
	<u>spi</u>	ECIAL PRECAUTIONS			
	lo lo		IF (	CORROSIVE pH =	·
HANDLING & STOR	AGE PRECAUTIONS: F	lammable - Keep aw	av from he	eat, sparks ar	d flame.
·	PRO	OTECTIVE EQUIPMENT	-		
Rubber gloves a	nd eye protection.		<u></u> .		
		WASTE DISPOSAL		:	
TYPE OF DRUM: gallon blue 5/8	30 gallon blo-lined, "bolt ring (H-17)	, fiber pak, (Code unlined, reconditi	#93-952-3 oned DOT	304), overpack drum (Code #93	ed in 55 -958-559)
DRUM LABELING:	Gold, EPA Hazardous	s Waste, DOT Flamm	able Solic	đ	
EPA HAZARDOUS W	ASTE #: <u>D-001</u>				
RHODE ISLAND CL Slightly Irrita	ASSIFICATION: 1B -	Moderately Toxic,	3C Modera	ately Flammabl	e, 7c -
DISPOSAL METHOD	: Incineration (McI	Intosh) with scrub	ber		<del>:-</del> -
ULTIMATE FATE:			<del></del>	<u> </u>	
SPILL OR LEAK Print fiber contains	ROCEDURE: Sweep up ner. Must be overpa	spillage with abs	orbing age 7 drum. I	ent (sawdust) abel both dru	and place
			<del></del>	<del></del> _	

ENV-WD-1, A1-2



PRODUCT	NAME		CODE NUMBER	
GENERIC	NAME Aromatic Ket	one	·	
SHIPPING	NAME <u>Waste Organi</u>	c Solid, NOS		
PREPARER	Joan Materna		EFFECTIVE	April 19,1982
ENVIRONM	ENTAL APPROVAL	1. Con	SUPERSEDES	None
		COMPOSITION	_ <u></u>	
Z RANGE	COMPOUND			
40-60%	Water		HALOGEN:	( ) 0%
0-5%	Acetic Acid		SULFUR:	Approx. 4 %
35~55%	SUBSTITUTED PY	RAZOLIDINEDIONE	NITROGEN:	Approx. 3.5%
		CHEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL	STATE:	Paste	(BULK) DENSITY:	Approx. 1
WATER SOI	UBILITY:	Partial	pH:	2
HEAT VALUE (MBTU/LB):		5-10	% ASH:	Trace
% SUSPEND	DED SOLIDS:	0		
II	DENTITY:			
% DISSOLV	ED NON-VOLATILES:	35-55%		
II.	ENTITY:	<u> Substituted</u>		
		pyra- zolidinedione		
LAYERING:		None	•	
UP	PER:			••
LO	WER:			
COLOR:		Tan to Red-Brown		
DDOR:		Vinegar-type	<del></del>	
/ISCOSITY	:	N/A		

PRODUCT NAME
FIRE HAZARD DATA
FLASH POINT °F: N/A FLANMABLE SOLID: Yes
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water, foam
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Decomposition
gives oxides of nitrogen, sulfur and carbon.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 500-600 mg/kg (Oral Rat) (For SKIN SENSITIZER: No
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Mod. to Severe
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT:  SKIN CONTACT:  INGESTION:  INHALATION:  SPECIAL PRECAUTIONS  Flush eyes with water for 15 minutes. Obtain medical attention.  Obtain immediate medical attention.
REACTIVE: No CORROSIVE: Yes IF CORROSIVE pH = 2
HANDLING & STORAGE PRECAUTIONS: Do not store with oxidizing materials. Dry mate-
rial is a dust explosion hazard.
PROTECTIVE EQUIPMENT
Rubber Gloves and Apron, Safety Glasses.
WASTE DISPOSAL
TYPE OF DRUM: All weather pak drum
DRUM LABELING: Gold, Special Handling, Corrosive, EPA Hazardous
EPA HAZARDOUS WASTE #: <u>DOO2</u>
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic; Type 4 - Corrosive; Type 7B - Moderately Irritating
DISPOSAL METHOD: Incineration at McIntosh with scrubber.
ULTIMATE FATE: Incineration at McIntosh with scrubber.
SPILL OR LEAK PROCEDURE: Sweep up and put in drum as above.



PRODUCT NAME _	<del></del>	CODE NUMBER _	<del></del>
GENERIC NAME Aromatic Ket	one		-
SHIPPING NAME Waste Organi	c Solid, NOS	<del></del> -	,
PREPARER Joan Materna		EFFECTIVE A	April 19,1982
ENVIRONMENTAL APPROVAL	7. a.	SUPERSEDES	None
	COMPOSITI	ION	
Z RANGE COMPOUND			
100 SUBSTI	UTED. lidinedione	HALOGEN:	( ) 0%
	<del> </del>	SULFUR:	Approx. 8 %
	<del></del>	NITROGEN:	Approx. 7 %
<u> </u>	CHEMICAL AND PHYSIC	CAL PROPERTIES	
PHYSICAL STATE:	Solid, Granular	(BULK) DENSITY:	Approx. 1
WATER SOLUBILITY:	Insoluble	pH:	5 (Solution)
HEAT VALUE (MBTU/LB):	<10	% ASH:	<1%
% SUSPENDED SOLIDS:	0		
IDENTITY:			
% DISSOLVED NON-VOLATILES:	0		
IDENTITY:			
LAYERING:	0		
UPPER:			
LOWER:			.,
COLOR:	White to Brown		•
ODOR:	None		
VISCOSITY:	N/A		

PRODUCT NAMECODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: N/A FLAMMABLE SOLID: Yes
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water, foam
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Decomposition
gives oxides of nitrogen, sulfur and carbon. Material is a dust explosion hazard.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 271 mg/kg (Oral Rat) SKIN SENSITIZER: No
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain immediate medical attention.
SPECIAL PRECAUTIONS
REACTIVE: N/A CORROSIVE: N/A
HANDLING & STORAGE PRECAUTIONS: Do not store with oxidizing materials. Dry mate-
rial is a dust explosion hazard.
PROTECTIVE EQUIPMENT
Dust Mask, Rubber Gloves, Safety Glasses.
WASTE DISPOSAL
TYPE OF DRUM: All weather pak drum
DRUM LABELING: Gold, Special Handling
EPA HAZARDOUS WASTE #:
RHODE ISLAND CLASSIFICATION: 1B (Moderately Toxic); 7B (Moderately Irritating).
DISPOSAL METHOD: Incineration with Scrubber at McIntosh.
ULTIMATE FATE: Incineration with Scrubber.
SPILL OR LEAK PROCEDURE: Sweep up and put in drum as above.

ENV-WD-2A, B5-6



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Halogenated C	rganic		
SHIPPING NAME Waste Flammat (Ethanol Solu	ole Organic Mixture NOS	5 	
PREPARER Ralph Catuogn	10	EFFECTIVE J	une 12, 1981
ENVIRONMENTAL APPROVAL	1. lex	SUPERSEDES _	None
· ·	COMPOSITION		
Z RANGE COMPOUND			
65%-70% Substituted Pyrazo and Related By-Pro		HALOGEN:	( C1 )0.02%
25%-30% Ethanol	<u> </u>	SULFUR:	%
5%-7% Water		NITROGEN:	<u>2.57</u> %
<u> </u>	THEMICAL AND PHYSICAL F	ROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	1.0 - 1.2
WATER SOLUBILITY:	Partial	pH:	Neutral
HEAT VALUE (MBTU/LB):	12 - 16	% ASH:	0
% SUSPENDED SOLIDS:	0		
IDENTITY:	·		
% DISSOLVED NON-VOLATILES:	65% - 70%		
IDENTITY:	Substituted Py- razolidinediones and Related By- Products		
LAYERING:	None		
UPPER:			
LOWER:			
COLOR:	Brown		
ODOR:	Alcohol-like		
VISCOSITY:	Medium		

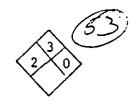
FLASH POINT °F: 68°F (Ethanol) FLAMMABLE SOLID:
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical
FIRE-FIGHTING PROCEDURE: Will give off toxic fumes if ignited. Wear self-contained
breathing apparatus.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 271 mg/kg Rat (Oral) SKIN SENSITIZER: Unknown
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain immediate medical attention.
INGESTION: Obtain immediate medical attention. INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Flammable - Keep away from heat, sparks and flame.
PROTECTIVE EQUIPMENT
Rubber gloves and eye protection.
WASTE DISPOSAL
TYPE OF DRUM: Chlorinated waste solvent tank or 55 gallon, unlined, tight-top bung, reconditioned DOT steel drum (Code #93-957-559).
DRUM LABELING: Gold, EPA Hazardous Waste, DOT Flammable Liquid
EPA HAZARDOUS WASTE #: D-001
RHODE ISLAND CLASSIFICATION: 1B - Moderately Toxic, 3C Moderately Flammable, 7C - Slightly Irritating
DISPOSAL METHOD: Incineration (McIntosh) with scrubber
ULTIMATE FATE:
PILL OR LEAK PROCEDURE: Sweep up spillage with absorbing agent (sawdust) and place in fiber container. Must be overpacked in a DOT H-17 drum. Label both drums as bove.

And the state of t



PRODUCT NAME	ing the transfer of the second	CODE NUMBER	
GENERIC NAME Halogenaced C	Organic Solids		·
SHIPPING NAME Waste Organic	Solid, NOS		
PREPARER Elizabeth Tho	omas	EFFECTIVE	December 4, 1981
ENVIRONMENTAL APPROVAL	1. Cox	SUPERSEDES	None
·	COMPOSITION		
Z RANGE COMPOUND			
90-95 Substituted Hydrox	ybenzyl Phosphonate,	HALOGEN:	( ) %
Substituted Benzot	riazoles, Copper Acetate	SULFUR:	%
0-5 Organic Impurities	·	NITROGEN:	5-20 %
<u>c</u>	HEMICAL AND PHYSICAL PRO	PERTIES	-
PHYSICAL STATE:	Solid	(BULK) DENSITY	: _1.2 - 1.5
WATER SOLUBILITY:	Partial	pH:	
HEAT VALUE (MBTU/LB):	5-9	% ASH:	<u>&lt;5</u>
% SUSPENDED SOLIDS:	N/A		
IDENTITY:			•
% DISSOLVED NON-VOLATILES:	N/A		
IDENTITY:	·		
LAYERING:	N/A		
UPPER:			
LOWER:			
COLOR:	White, Yellow, Greenish-Blue Solids	•	
ODOR:	Aromatic		
VISCOSITY:	N/A		

PRODUCT NAME	CODE NUMBER
FIRE HAZARD DATA	
FLASH POINT °F: N/A FLAMMABLE S	SOLID: No
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, f	foam
FIRE-FIGHTING PROCEDURE: Wear self-contained breathi	ing apparatus. May emit toxic
fumes upon decomposition.	<del></del>
HEALTH DATA	
TOXICITY: LD <sub>50</sub> Moderate SKIN IRRITANT: Yes	SKIN SENSITIZER: Slight DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PRO	OCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes.  SKIN CONTACT: Wash with soap and water for 15 minutes.  Obtain immediate medical attention.	
SPECIAL PRECAUTIONS	
REACTIVE: No CORROSIVE: No HANDLING & STORAGE PRECAUTIONS: Store in a cool, well	IF CORROSIVE pH =
PROTECTIVE EQUIPMENT	
Dust mask, rubber gloves	
WASTE DISPOSAL	
TYPE OF DRUM: All Weather Pak	<u> </u>
DRUM LABELING: Gold, Special Handling	
EPA HAZARDOUS WASTE #:	
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately To	oxic; 7C - Slightly Irritating
DISPOSAL METHOD: McIntosh incineration	
ULTIMATE FATE: Incineration with scrubber	
SPILL OR LEAK PROCEDURE: Sweep up and pur in the same	me drum as above.



PRODUCT NAME	•	CODE NUMBER	
GENERIC NAME Substituted P	yrazolidinedione		
SHIPPING NAME Waste Flammab	le Solid, NOS	·	
PREPARER Elizabeth Tho	omas	EFFECTIVE	July 2, 1982
ENVIRONMENTAL APPROVAL	1. Cox	SUPERSEDES	None
··· /	COMPOSITION		
% RANGE COMPOUND			
20 - 40 <u>Methanol</u>		HALOGEN:	( ) 0%
20 - 40 Water		SULFUR:	%
30 - 60 <u>30 B5T 1TU</u>	Pyrazoli-	NITROGEN:	3 - 6 %
	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY:	1 - 1.2
WATER SOLUBILITY:	Partial	рН:	3 - 4
HEAT VALUE (MBTU/LB):	9 - 12	% ASH:	Trace
% SUSPENDED SOLIDS:	N/A		
IDENTITY:			
% DISSOLVED NON-VOLATILES:	N/A		
IDENTITY:	<del></del>		
LAYERING:	No		
UPPER:	<del></del>		
LOWER:			
COLOR:	White to Off- White Paste with Black Specs		
DDOR:	Alcoholic		
VISCOSITY:	N/A		

FLASH POINT °F: 52 (Methanol) FLAMMABLE SOLID: Yes
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam; water may be ineffective,
but water should be used to keep fire-exposed containers cool.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Use water spray
to disperse the vapors and to protect men attempting to stop a leak. Water spray
may be used to flush spills away from exposures and to dilute spills to nonflammable
mixtures.
HEALTH DATA
TOXICITY: LD <sub>50</sub> Approximately 600 mg/Kg (Oral Rat) SKIN SENSITIZER: Unknown SKIN IRRITANT: Yes (Methanol) DEGREE OF IRRITATION: Moderate
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT:  SKIN CONTACT: INGESTION: INHALATION:  Flush eyes with water for 15 minutes. Obtain medical attention.  Flush with water for 15 minutes.  Obtain immediate medical attention.  Remove to fresh air.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Flammable. Breathing of vapor is harmful. Keep
away from heat, spark and flame. Make sure area is well-ventilated.
PROTECTIVE EQUIPMENT
Rubber gloves, eye protection, air-supplied hood for potential overexposure.  WASTE DISPOSAL
TYPE OF DRUM: 30 gallon, blo-lined, fiber drum (Code #93-952-304) overpacked in a 55 gallon blue, 5/8 inch bolt ring (H-17) unlined DOT drum (Code #93-958-559). Sawdust must be placed between both drums. Label both drums.
DRUM LABELING: Gold, Flammable Solid, EPA Hazardous, Special Handling.
EPA HAZARDOUS WASTE #: DOO1
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7B - Moderately Irritating Waste
DISPOSAL METHOD: Incinerate with a scrubber.
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Sweep up and put in same drum as above.
ENV-WD-2AA, B5-6

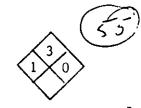
A supplied they are the



PRODUCT	NAME		CODE NUMBER	<u> </u>
GENERIC	NAME Halogenated (	Organic Solids		
SHIPPING	NAME Organic Solic	i nos		
PREPARER	Christine S1:	winski	EFFECTIVE	March 13, 1981
ENVIRONM	ENTAL APPROVAL	E Brack	SUPERSEDES	None
	•	COMPOSITION		
% RANGE	COMPOUND	. *** .		
60-80 10-20 0-5	Substituted Benzot Chlorinated Pheny	Ethers	HALOGEN:	(Chlorine)4-6%
0-5	Substituted AROMA Aromatic Ketals	IIC AMINES	SULFUR:	0 %
0-5	Disubstituted Pipe	eridinyl Esters	NITROGEN:	10-15%
	<u> </u>	CHEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL	STATE:	Solid	(BULK) DENSITY:	0.9-1.5
WATER SO	LUBILITY:	Insoluble	pH:	7-10
HEAT VAL	UE (MBTU/LB):	12-16	% ASH:	5-10
Z SUSPEN	DED SOLIDS:	100		•
I	DENTITY:	Same as above		•
Z DISSOL	VED NON-VOLATILES:	NA		
II	DENTITY:			
LAYERING	:	NA		
UI	PPER:			
LO	OWER:			
COLOR:		Variable		
ODOR:		Musty (variable)	,	
VISCOSITY	<b>'•</b>	NΔ		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: NA FLAMMABLE SOLID: No
EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Water spray may
reduce intensity of blaze. Dust explosion hazard.
HEALTH DATA
TOXICITY: LD <sub>50</sub> Approximately 7000, Non-Hazardous SKIN SENSITIZER: Unknown DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain immediate medical attention.  INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Wash thoroughly after handling. Keep Tinuvin 144
(Disubstituted Piperidinyl Esters) out of effluent. Dust may constitute an explosion
hazard.
PROTECTIVE EQUIPMENT
Air hood, paper suit, rubber gloves, local exhaust.
WASTE DISPOSAL
TYPE OF DRUM: Fiber drum overpacked in (H-17).
DRUM LABELING: Gold, Special Handling
EPA HAZARDOUS WASTE #:
RHODE ISLAND CLASSIFICATION: 7C, Type 9 - Hazardous NOS
DISPOSAL METHOD: Incineration at McIntosh
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Sweep up and place in same drum as above.

m sprats that



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Aliphatic A	lcohol	··	-
SHIPPING NAME Waste Solve	nt_NOS		
PREPARER Cynthia Sal	ашоп	EFFECTIVE	November 17, 1982
ENVIRONMENTAL APPROVAL _	1. Cut	SUPERSEDES	None
Se <sub>st</sub>	COMPOS	ITION	
Z RANGE COMPOUND			·
75-90 Methanol		HALOGEN:	<u>(</u> ) 0%
10-25 Water	·	SULFUR:	%
	···	NITROGEN:	<del></del> %
	CHEMICAL AND PHYS	SICAL PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	.82
WATER SOLUBILITY:	Complete	pH:	
HEAT VALUE (MBTU/LB):	7 - 9	% ASH:	
Z SUSPENDED SOLIDS:	None	_	
IDENTITY:	·	<del></del>	· .
% DISSOLVED NON-VOLATILES:	None	<b>→</b>	
IDENTITY:		<del>_</del>	
LAYERING:	None	_	
UPPER:		<b>_</b>	
LOWER:			
COLOR:	Water White	_	••
ODOR:	Alcohol	<del>_</del>	
VISCOSITY:	_Low (<100 cp)		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: 52 (Methanol) FLAMMABLE SOLID: N/A
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam. Water may be used to
dilute the mixture to a non-flammable concentration.
· · · · · · · · · · · · · · · · · · ·
HEALTH DATA
TOXICITY: LD <sub>50</sub> >10,000 Mg/Kg (NIOSH 1978) SKIN SENSITIZER: Unknown SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.
SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain immediate medical attention.
INHALATION: Remove to fresh air. Get medical attention.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark or flames.
PROTECTIVE EQUIPMENT
Rubber Gloves, Face Shield, Safety Glasses
WASTE DISPOSAL
TYPE OF DRUM: Pump to Waste Solvent Tank T-1 or use 55 gallon unlined tight-top
bung DOT steel drums (Code #93-957-559).
DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid
EPA HAZARDOUS WASTE #: F005
RHODE ISLAND CLASSIFICATION: Type 3B-Moderately Flammable, 7C-Slightly Irritating
DISPOSAL METHOD: Incinerate
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Absorb in absorbing agent, pack in 30 gallon blo-lined
drum (Code #93-952-302) overpak in steel 5/8" bolt ring in H-17 drum
(Code #93-958-559).



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Aliphatic Al	cohol in Water	:	
SHIPPING NAME Waste Solven	t, NOS		
PREPARER Cynthia Sala	mon	EFFECTIVE	November 17, 1982
ENVIRONMENTAL APPROVAL	1. lef	SUPERSEDES	None
	COMPOSITION		
Z RANGE COMPOUND	·		,
75-85 Water	<del></del>	HALOGEN:	(C1) 0.8%
10-20 Methanol	<del></del>	SULFUR:	1.6%
5-10 Substituted Benze	ne Sulfonamide	NITROGEN:	
-	CHEMICAL AND PHYSICAL P	ROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY	.98
WATER SOLUBILITY:	Partial	pH:	6-11
HEAT VALUE (MBTU/LB):	- Approx. 1	% ASH:	
% SUSPENDED SOLIDS:	0		
IDENTITY:	<del></del>		
% DISSOLVED NON-VOLATILES:	5-10		
IDENTITY:	Substituted Ben- zene Sulfonamide		·
LAYERING:	No		
UPPER:	·		
LOWER:			
COLOR:	Colorless		
ODOR:	Alcohol	-	
VISCOSITY:	Low (<100 cp)	• •	-

PRODUCT NAME CODE NUMBER	
FIRE HAZARD DATA	
FLASH POINT °F: 52 (Methanol) FLAMMABLE SOLID: N/A	
EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Water, Dry Chemical	
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.	
HEALTH DATA	
TOXICITY: LD <sub>50</sub> 5700 Mg/Kg (Calculated) SKIN SENSITIZER: Unkr SKIN IRRITANT: No DEGREE OF IRRITATION: No	lown
EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.	
INGESTION: Obtain immediate medical attention. INHALATION: Remove to fresh air.	
SPECIAL PRECAUTIONS	
REACTIVE: No CORROSIVE: Yes IF CORROSIVE pH = 2	5
HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark or flame.	<u>.</u>
PROTECTIVE EQUIPMENT	
Rubber Gloves, Face Shield, Safety Glasses	
WASTE DISPOSAL	
TYPE OF DRUM: Pump to Waste Solvent Tank T-1 or use 55 gallon unlined tight-top	
bung DOT steel drums (Code #93-957-559).	
DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid	
EPA HAZARDOUS WASTE #: F005	
RHODE ISLAND CLASSIFICATION: 3B-Moderately Flammable	
DISPOSAL METHOD: Incinerate with Scrubber	
ULTIMATE FATE:	<del></del>
SPILL OR LEAK PROCEDURE: Wash to sewer with a large amount of water.	<del></del>



PRODUCT	NAME			CODE NUMBER	· · · · · · · · · · · · · · · · · · ·
GENERIC	NAME Non Halogenat	ed Solvent	,		
SHIPPING	G NAME Waste Flammab	le Solvent, NOS (1	Ethanol		
PREPAREI	Elizabeth Tho	mas		EFFECTIVE	June 29, 1981
ENVIRONN	MENTAL APPROVAL	T. Port		SUPERSEDES _	None
		COMPOSIT	<u>lon</u>		
% RANGE	COMPOUND				
75-85 10-15	Ethanol Methanol		н	ALOGEN:	( ) 0%
10-15 1-3 6-7	DIALKYL KETONE		St	JLFUR:	%
2-5	SUBSTITUTED AROMA	ATIC AMINE	N	TROGEN:	%
	<u>c</u>	HEMICAL AND PHYSIC	CAL PROPERT	CIES	
PHYSICAL	STATE:	Liquid	(E	BULK) DENSITY:	0.8-1.0
WATER SO	CLUBILITY:	Soluble	рН	l <b>:</b>	6-8
HEAT VAL	.UE (MBTU/LB):	12-16	%	ASH:	<1
% SUSPEN	DED SOLIDS:	None			
I	DENTITY:				
% DISSOL	VED NON-VOLATILES:	2-5			
I	DENTITY:	Same as above			
LAYERING	:	None			
U	PPER:				
L	OWER:				
COLOR:		Red to Brown			
DDOR:		Alcohol			
VISCOSIT	Y:	Low			

1. A. C.			
PRODUCT NAME		CODE NUMBER	er Justinian
<u>FI</u>	RE HAZARD DATA	<del></del>	
FLASH POINT `F: 55 (Ethanol).  52 (Methanol)	FLAMMABLE		<del></del> .
EXTINGUISHING MEDIA: Carbon dioxide	, dry chemical,	alcohol-type foam	
FIRE-FIGHTING PROCEDURE: Wear self-	contained breath	ing apparatus.	
	HEALTH DATA		
TOXICITY: LD <sub>50</sub> 13,000 mg/kg (Methano	01)	SKIN SENSITIZER:	
SKIN IRRITANT: Yes		DEGREE OF IRRITATION	N: Slight
•	AND FIRST AID PR	OCEDURES	
EYE CONTACT: SKIN CONTACT: INGESTION: Use the second of th	er.	Obtain medical att	ention.
·	AL PRECAUTIONS	<u>'</u>	
REACTIVE: No CORROSIVE: No	-,	IF CORROSIVE p	H =
HANDLING & STORAGE PRECAUTIONS: Stor	e in metal conta	ainers away from hea	t, sparks
and flame.	<u> </u>	·	
PROTE	CTIVE EQUIPMENT		
Rubber gloves, eye protection, respir	atory equipment		
<u>WA</u>	STE DISPOSAL		
TYPE OF DRUM: 55 gallon, unlined, ti (Code #93-957-559)	ght-top bung, re	econditioned, DOT st	eel drum
DRUM LABELING: Gold, Flammable Liquid	d, EPA Hazardous		
EPA HAZARDOUS WASTE #: F005 - MeOH, 1	M1 BK		

RHODE ISLAND CLASSIFICATION: 7C - Slightly Irritating Waste; 3B - Moderately

SPILL OR LEAK PROCEDURE: Sweep up with sawdust and contact Technical for disposal

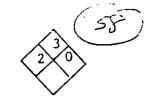
Flammable Waste

ULTIMATE FATE:

method.

DISPOSAL METHOD: McIntosh incineration

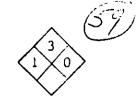
海疫 医克勒曼氏 静 电电影电影



PRODUCT NAME	· · · · · · · · · · · · · · · · · · ·	CODE NUMBER	٠.	
GENERIC NAME Non-Halogenat	ed Solvents		` .	
SHIPPING NAME Waste Solvent	s, NOS (IPA Solution)			
PREPARER Robert Kofsky		EFFECTIVE	December 30, 19	980
ENVIRONMENTAL APPROVAL	E Beach	SUPERSEDES	None	
	COMPOSITION			
Z RANGE COMPOUND				
30-50 Isopropyl Alcohol		HALOGEN:	( )	0%
40-70 Water	·····	SULFUR:	0%	<del></del>
0-10 Xylene	. · <u> </u>	NITROGEN:	0%	
′ <u>cı</u>	HEMICAL AND PHYSICAL PRO	OPERTIES .		
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	995	
WATER SOLUBILITY:	Partial Partial	pH:	10-12	
HEAT VALUE (MBTU/LB):	3-6	% ASH:	<2%	
% SUSPENDED SOLIDS:	None			
IDENTITY:	·.			
% DISSOLVED NON-VOLATILES:	·			•
IDENTITY:	·			
LAYERING:				
UPPER:	Xylene			
LOWER:	Isopropanol			
COLOR:	Dark Brown			
ODOR:	Alcohol			
VISCOSITY:	Low			
	· <del></del>			

PRODUCT NAME	CODE NUMBER
	FIRE HAZARD DATA
FLASH POINT °F:	53 FLAMMABLE SOLID:
	OIA: Carbon dioxide, dry chemical
FIRE-FIGHTING PR	OCEDURE: Wear self-contained breathing apparatus.
	HEALTH DATA
TOXICITY: LD50 SKIN IRRITANT:	Slight (4900 mg/kg) SKIN SENSITIZER: Unknown Yes DEGREE OF IRRITATION: Slight
	EMERGENCY AND FIRST AID PROCEDURES
SKIN CONTACT: $\overline{W}$	ush with water for 15 minutes. Get medical attention. sh with water for 15 minutes. stain immediate medical atention.
	SPECIAL PRECAUTIONS
REACTIVE: No CORROSIVE: No	IF CORROSIVE pH =
HANDLING & STORA	GE PRECAUTIONS: Storage should be in non-combustible surroundings.
	PROTECTIVE EQUIPMENT
Rubber gloves, f	ace shield.
	WASTE DISPOSAL
	on-chlorinated waste solvent tank or 55 gallon, unlined, tight top ned DOT steel drum (Code #93-957-559).
DRUM LABELING:	Gold label, DOT Flammable label, EPA Hazardous label
EPA HAZARDOUS WA	TE #: D001
RHODE ISLAND CLA	SSIFICATION: Type 1C, 3B, 7C
DISPOSAL METHOD:	Incineration without scrubber.
ULTIMATE FATE:	
SPILL OR LEAK PRO	OCEDURE: Flush down drain with plenty of water.

ENV-WD-2A, B1-2, S1



PRODUCT	NAME	1995 - 19	CODE NUMBER	
GENERIC	NAME Non-Halogenate	ed Solvent		•
SHIPPING	NAME Waste Solvent	NOS (Acetone Solution	n)	
PREPARER	Anil Sharma	·	EFFECTIVE N	ovember 19, 1980
ENVIRONM	ENTAL APPROVAL	E Beach	SUPERSEDES _	None
-	·	COMPOSITION		
Z RANGE	COMPOUND			
90-94	Acetone		HALOGEN:	0 %
2-3	Acid salt of alcoho	ol amine	SULFUR:	0%
2-2.5	By-product of acid amine	salt of alcohol	NITROGEN:	<u>&lt;0.5</u> %
0.1-0.5	Alcohol amine	<del></del>		
	CL	HEMICAL AND PHYSICAL I	PROPERTIES	
PHYSICAL	STATE:	Liquid	(BULK) DENSITY:	0.80
WATER SO	LUBILITY:	Complete	pH:	Neutral_
HEAT VAL	UE (MBTU/LB):	12-16	% ASH:	<1
% SUSPEN	DED SOLIDS:	<0.1		
I	DENTITY:	Lopressor		
% DISSOL	VED NON-VOLATILES:	0		•
11	DENTITY:			
LAYERING	:	None	. ·	
U	PPER:			. •
L	OWER:			
COLOR:		Yellowish		
ODOR:		Lacquer-Type	·	
VISCOSIT	Y:	Low		

#### FIRE HAZARD DATA

FLASH POINT °F:	-20°F (Acetone)	FLAMMABLE S	OLID: Not Applicable	
EXTINGUISHING M	EDIA: Dry chemical carbon	dioxide or	foam.	<del></del>
FIRE-FIGHTING PI	ROCEDURE: Water spray will	help reduc	e the intensity of the	blaze.
	HEALT	H DATA		
TOXICITY: LD <sub>50</sub> SKIN IRRITANT:	Non-Hazardous Yes		SKIN SENSITIZER: DEGREE OF IRRITATION:	No Slight
	EMERGENCY AND FI	RST AID PRO	CEDURES	
SKIN CONTACT: INCESTION: INHALATION:	Flush eyes with water for lash with soap and water. Obtain immediate medical at If breathing stops, give an attention.	tention.		
	SPECIAL PR	ECAUTIONS		
	NoNo		IF CORROSIVE pH =	N/A
HANDLING & STOR	AGE PRECAUTIONS: Keep away	from heat,	sparks and flame.	
	PROTECTIVE	EQUIPMENT		
Rubber gloves a	nd safety glasses.			
	WASTE I	DISPOSAL		
TYPE OF DRUM:	55 gallon unlined, tight-to	op, recondit	ioned, DOT steel drum.	<del></del>
DRUM LABELING:	DOT Flammable Liquid, Gold	i label, EPA	Hazardous Waste	
EPA HAZARDOUS W	ASTE #: F-003	P.		
RHODE ISLAND CL	ASSIFICATION: Type 3A - H	ighly Flamma	able Waste	
DISPOSAL METHOD	: Incineration - no scrubl	ber required	l. ·	
ULTIMATE FATE:				
SPILL OR LEAK P	ROCEDURE: Flush to drain.			

#### ASSOCIATION WASTE, DATA: SHEET

在16.00 (建度新原产) (16.00 ) (16.00 ) (16.00 ) (16.00 )

3 0	
60	

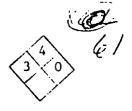
PRODUCT NAME		CODE NUMBER	***
GENERIC NAME Amine, Alcoho	l Mixture	<del></del>	
SHIPPING NAME Waste Flammab	le Solvent NOS (IF	PA/IPNH <sub>2</sub> )	
PREPARER Anil Sharma		EFFECTIVE	July 21, 1981
ENVIRONMENTAL APPROVAL	f. Cox	SUPERSEDES _	None
<i>1</i> -	COMPOSITI	ON	
Z RANGE COMPOUND			
40-60 AIKy Amine 25-35 Isopropanol		HALOGEN:	( ) 0 %
2-5 Water		SULFUR:	%
		NITROGEN:	9-14 %
<u>C</u> 1	HEMICAL AND PHYSIC	AL PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.75
WATER SOLUBILITY:	Infinite	pH:	8.0-11.0
HEAT VALUE (MBTU/LB):	15.2	% ASH:	0
% SUSPENDED SOLIDS:	<u>None</u>		
IDENTITY:			
% DISSOLVED NON-VOLATILES:	None		
IDENTITY:			
LAYERING:	No		
UPPER:			
LOWER:			
COLOR:	Clear Water-white		
ODOR:	Ammonia-like		
VISCOSITY:	1.6 cp	•	

PD	ΛI	וומ	<u> </u>	NA	ME

CODE	NUMBER	
LODE	NUMBER	

#### FIRE HAZARD DATA

FLASH POINT °F:	(Closed Cup): FLAMMABLE SOLID:
EXTINGUISHING ME	DIA: Carbon dioxide, dry chemical or foam for large fires.
FIRE-FIGHTING PR	OCEDURE: For large fires, dilute with water than add foam blanket;
wear self-contai	ned breathing apparatus; oxides of nitrogen will be released upon
combustion.	
	HEALTH DATA
TOXICITY: LD <sub>50</sub> SKIN IRRITANT:	1512 mg/kg (oral rat) SKIN SENSITIZER: No  Yes DEGREE OF IRRITATION: High
	EMERGENCY AND FIRST AID PROCEDURES
SKIN CONTACT: $\underline{W}$ INGESTION: $\underline{O}$	lush eyes with water for 15 minutes. Obtain medical attention.  ash with soap and water. Obtain medical attention.  btain immediate medical attention.  btain immediate medical attention.
	SPECIAL PRECAUTIONS
REACTIVE: Ye CORROSIVE: N	
HANDLING & STORA	GE PRECAUTIONS: Keep away from heat, sparks and flame. Store in a
cool place. Sto	re away from acids.
	PROTECTIVE EQUIPMENT
Use self-contain	ed breathing apparatus.
	WASTE DISPOSAL
TYPE OF DRUM: U	L-DOT 18x18x18
DRUM LABELING: 0	Gold, Flammable Liquid, EPA Hazardous Waste
EPA HAZARDOUS WAS	STE #:
RHODE ISLAND CLAS	SSIFICATION: 1C - Slightly Toxic; 3A - Highly Flammable, 7A - Highly Irritating
DISPOSAL METHOD:	Incineration with a scrubber.
ULTIMATE FATE:	
SPILL OR LEAK PRO	CEDURE: For small spills, flush to drain with large amounts of
water. For large	spills, absorb in sawdust and send for incineration.



PRODUCT NAME,		12.7	CODE NUMBER	<u>iĝino</u> in in-
CENERIC NAME Alkylamine				
SHIPPING NAME Waste Flammab	le Liquid NOS.			
PREPARER James Hill		···········	EFFECTIVE	May 28, 1982
ENVIRONMENTAL APPROVAL	1.64	·	SUPERSEDES	None
	COMPO	SITION		
Z RANGE COMPOUND				
60-70 Alkylamine	·· <del>· · · · · · · · · · · · · · · · ·</del>	H	ALOGEN:	( ) 0%
30-40 Water		SI	JLFUR:	%
	· · · · · · · · · · · · · · · · · · ·	N:	ITROGEN:	15%
CI	HEMICAL AND PHY	SICAL PROPERT	TIES	
PHÝSICAL STATE:	Liquid	(1	BULK) DENSITY:	Approx. 1.0
WATER SOLUBILITY:	Infinite	pł	l:	9 - 11
HEAT VALUE (MBTU/LB): -	12.0	<u> </u>	ASH:	
% SUSPENDED SOLIDS:	None			
IDENTITY:		_		
% DISSOLVED NON-VOLATILES:	None			
IDENTITY:		<del>: :</del>		
LAYERING:	None			
UPPER:				
LOWER:		<del></del>		
COLOR:	Colorless	<del></del>		••
ODOR:	Strong Fishy	<u>,                                     </u>		
VISCOSITY:	0.4 cps	<del></del>		

#### FIRE HAZARD DATA

FLASH POINT °F: <0°F FLAMMABLE SOLID: No	
EXTINGUISHING MEDIA: Water spray, dry chemical, "alcohol" foam, carbon dioxide.	
FIRE-FIGHTING PROCEDURE: Use water to keep fire-exposed containers cool. Water spray may be ineffective as an extinguishing agent. Water spray may be used to flush spills and to dilute to non-flammable mixtures. For large fires, dilute w	
water, then add foam blanket. Wear self-contained breathing apparatus as combus	
liberates oxides of mitrogen and carbon.	<del></del>
HEALTH DATA	
TOXICITY: LD <sub>50</sub> Approximately 1500 mg/kg SKIN SENSITIZER: N SKIN IRRITANT: Yes DEGREE OF IRRITATION: Sev	
EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Immediately flush with water for 15 minutes. Remove contaminated clothing.  INGESTION: Obtain immediate medical attention.	
INHALATION: Remove to fresh air. Give artificial respiration if necessary.	<del></del> .
SPECIAL PRECAUTIONS	
REACTIVE: Yes  CORROSIVE: No IF CORROSIVE pH =	· 
HANDLING & STORAGE PRECAUTIONS: Store in cool area away from acids. Galvanized iron, copper, aluminum or their alloys should not be used as containers.	
PROTECTIVE EQUIPMENT	
Rubber Gloves, Rubber Apron, Air Hood.	
WASTE DISPOSAL	
TYPE OF DRUM: Special 18 Gauge Drums required. Contact Warehouse.	
DRUM LABELING: Flammable, Gold, EPA Hazardous.	
EPA HAZARDOUS WASTE #: DOO1	
RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic; 3A - Highly Flammable; 7A - Highly Irritating	· ·
DISPOSAL METHOD: Incineration with scrubber.	
ULTIMATE FATE: Incineration with scrubber at McIntosh.	
SPILL OR LEAK PROCEDURE: Neutralize with sodium bisulphite until odor is gone. Sweep up with Speedi-Dri. Place in polyethylene bag in closed container. Label and drum as above. Remove from building. Small spills may be flushed to drain water.	bag with

ENV-WD-2DD, A5-6



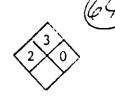
I RODUCI NAME	`	CODE NUMBER		
GENERIC NAME Aliphatic Ket	one			
SHIPPING NAME Waste Flammab	le Solvent, NOS	<u> </u>		
PREPARER Joan Materna		EFFECTIVE _	July 29,	1982
ENVIRONMENTAL APPROVAL		SUPERSEDES _	None	
	COMPOSITION			
Z RANGE COMPOUND ::PUR.	PIRET LAROSMA			
95-100 Acetone		HALOGEN:	(	) 0%
0 - 5 Water		SULFUR:		_%
		NITROGEN:		_%
<u>c</u>	HEMICAL AND PHYSICAL PRO	OPERTIES		
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.8	_
WATER SOLUBILITY:	Infinite	pH:	NA_	
HEAT VALUE (MBTU/LB):	12 - 16	% ASH:	Trace	
% SUSPENDED SOLIDS:	None			
IDENTITY:	4.		·	
Z DISSOLVED NON-VOLATILES:	None			•
IDENTITY:				
LAYERING:	None			
UPPER:	<del></del>			
LOWER:				
COLOR:	Clear			
ODOR:	Lacquer			
VISCOSITY:	Low			-

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F:4 (Acetone) FLAMMABLE SOLID:NA
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam. Water may be ineffective.
Use water spray to reduce intensity of flames.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Decomposition
liberates oxides of carbon.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 9750 mg/kg (Acetone) SKIN SENSITIZER: No SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain immediate medical attention.  Remove to fresh air. Administer oxygen if necessary.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH = NA
HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flame. If handling
drums, ground and bond drums.
PROTECTIVE EQUIPMENT
Rubber gloves.
WASTE DISPOSAL
TYPE OF DRUM: 55 Gallon, (Code #93-957-559), Reconditioned, Tight-Top, UL DOT Steel
DRUM LABELING: DOT Flammable Liquid, EPA Hazardous Waste, Gold
EPA HAZARDOUS WASTE #: F003
RHODE ISLAND CLASSIFICATION: Type 7C - Slightly Irritating; Type 3A - Highly Flam-mable
DISPOSAL METHOD: Incineration at McIntosh.
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Large spills: Absorb onto sawdust, pack in 30 gallon blo-
line container, overpack in H-17 steel drum and send to McIntosh for incineration.
Label both drums as above. Small spills: Flush to sewer with water.  ENV-WD-2DD, A13-14



PRODUCT NAME	··· · · · · · · · · · · · · · · · · ·	CODE NUMBER	
GENERIC NAME Aliphatic Ke	tone		·
SHIPPING NAME Waste Flamma	ble Solvent, NOS	· — —	
PREPARER Joan Materna		EFFECTIVE	Iuly 20 1000
ENVIRONMENTAL APPROVAL	1.6	SUPERSEDES	July 29, 1982
	COMPOSITION	OUT ERSEDES	None
Z RANGE COMPOUND	- OSTA OSTITON		
90 - 95 Acetone	2 2.		
		HALOGEN:	( ) 0%
2 - 5 By-Product of Acid	Salt of Alcohol	SULFUR:	%
<pre>&lt;1     Acid Salt of Alcoh</pre>	ol Amine	NITROGEN:	/0 5 W
_ <l td="" water<=""><td></td><td></td><td>&lt;0.5 %</td></l>			<0.5 %
	HEMICAL AND PHYSICAL P	PODERTIES	
PHYSICAL STATE:	•	<del></del>	
WATER SOLUBILITY:	Liquid	(BULK) DENSITY:	8
	Complete	pH:	<u>NA</u>
HEAT VALUE (MBTU/LB):	12 - 16	% ASH:	Trace
% SUSPENDED SOLIDS:	0		
IDENTITY:			
% DISSOLVED NON-VOLATILES:	<5		
IDENTITY:	By-Products and Acid Salts of Al-cohol Amine		
LAYERING:	None		
UPPER:	<u> </u>		
LOWER:			
COLOR:	Yellow		
ODOR:	Lacquer		
VISCOSITY:	Low		

PRODUCT NAME		CODE NUMBER		
FIRE HAZARD DATA				
FLASH POINT °F:	-4 (Acetone)	FLAMMABLE SOLID: NA		
EXTINGUISHING ME	DIA: <u>Carbon dioxide, dry</u>	chemical, foam. Water may be ineffective.		
Use water spray	to reduce intensity of fl	tmes.		
FIRE-FIGHTING PRO	OCEDURE: Wear self-conta	ned breathing apparatus. Decomposition		
liberates oxides	of carbon and nitrogen.			
	HEALT	TH DATA		
TOXICITY: LD <sub>50</sub> -	9750 mg/kg (Acetone) Yes	SKIN SENSITIZER: No DEGREE OF IRRITATION: Slight		
	EMERGENCY AND F	RST AID PROCEDURES		
SKIN CONTACT: WE INGESTION: OF	ash with soap and water. Stain immediate medical a	5 minutes. Obtain medical attention.  tention.  ister oxygen if necessary.		
	SPECIAL PE	ECAUTIONS		
REACTIVE: No		IF CORROSIVE pH = NA		
HANDLING & STORAG	GE PRECAUTIONS: Keep away	from hear, sparks and flame. If handling		
drums, ground and	l bond drums.			
	PROTECTIVE	EQUIPMENT		
Rubber Gloves	<u>-</u>			
	WASTE D	ISPOSAL		
TYPE OF DRUM: 55	Gallon Reconditioned, UL	, Tight-Top, Code #93-957-559, DOT Steel		
DRUM LABELING: D	OT Flammable Liquid, EPA	Hazardous Waste, Gold		
EPA HAZARDOUS WASTE #: F003				
RHODE ISLAND CLASSIFICATION: Type 3A - Highly Flammable, Type 7C - Slightly Irri- tating				
DISPOSAL METHOD: Incineration at McIntosh.				
ULTIMATE FATE:				
SPILL OR LEAK PROCEDURE: Absorb onto sawdust, pack in 30 gallon blo-line container,				
overpack in H-17 steel drum and send to McIntosh for incineration. Label both drums				
as above.				
ENV-WD-2DD, A15-1	6	-		



PRODUCT NAME	المنظلات المنظلة الم	CODE NUMBER	- <del></del> .
GENERIC NAME Aromatic Hyd	drocarbon	<u> </u>	
SHIPPING NAME Waste Flamma	able Liquid, NOS		
PREPARER Joan Materna	3	EFFECTIVE _	June 17, 1982
ENVIRONMENTAL APPROVAL	1. Cert	SUPERSEDES _	None
	COMPOSITION		
Z RANGE COMPOUND	· · ·		
95-100 Toluene		HALOGEN:	( ) 0%
0 - 5 Water		SULFUR:	%
·		NITROGEN:	None %
	CHEMICAL AND PHYSICAL F	ROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.90
WATER SOLUBILITY:	Slight	pH:	Neutral
HEAT VALUE (MBTU/LB):	12 - 16	% ASH:	None
% SUSPENDED SOLIDS:	None None		
IDENTITY:	<del></del>		
% DISSOLVED NON-VOLATILES:	None		
IDENTITY:			
LAYERING:	None		, in the second second
UPPER:			
LOWER:			
COLOR:	Clear to Yellowish		<b></b>
ODOR:	Paint Thinner		
VISCOSITY:	Low		

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F:40 (Toluene) FLAMMABLE SOLID:N/A
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or foam. Water may be in-
effective - cool flame with water spray.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus. Decomposition
liberates oxides of carbon.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 5000 mg/kg (Toluene) SKIN SENSITIZER: No DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: SKIN CONTACT: INGESTION: INHALATION:  Flush eyes with water for 15 minutes. Obtain medical attention.  Wash with soap and water for 15 minutes. Obtain immediate medical attention.  Remove to fresh air. Administer oxygen if necessary.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Store away from heat, sparks and flame. If
handling drums, ground and bond drums.
PROTECTIVE EQUIPMENT
Rubber gloves, air-hood for potential over-exposure.
WASTE DISPOSAL
TYPE OF DRUM: 55 Gallon, UL, Tight-Top Bung, Reconditioned DOT Steel Drum (Code #93-957-559)
DRUM LABELING: Gold, DOT Flammable Liquid, EPA Hazardous
EPA HAZARDOUS WASTE #: F005
RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic; 3B - Moderately Flammable, 7C - Slightly Irritating
DISPOSAL METHOD: Incineration without scrubber.
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Absorb onto sawdust, place in 30 gallon blo-line contain-
er, overpack in H-17 steel drum and send to McIntosh for incineration. Label both
er, overpack in H-17 steel drum and send to McIntosh for incineration. Label both drums as above.  ENV-WD-2DD, A11-12



PRODUCT	NAME	A CARLON CONTRACTOR	CODE NUMBER _	<u> من الرائب المالية ال</u>
GENERIC	NAME Aromatic Hyd	rocarbon		
SHIPPING	NAME Waste Flamma	ble Liquid NOS.		
PREPARER	Joan Materna		EFFECTIVE	May 28, 1982
ENVIRONM	ENTAL APPROVAL	1. los	SUPERSEDES	None
		COMPOSITION		
Z RANGE	COMPOUND	,		
80-90	Toluene	* · ·	HALOGEN:	( ) 0%
2 - 5	Acid Salt of Alco	hol Amine	SULFUR:	%
10-15	By-Product of Aci	d Salt of Alcohol Amine	NITROGEN:	2 - 3 %
	_	CHEMICAL AND PHYSICAL PRO	OPERTIES .	
PHYSICAL	STATE:	Liquid	(BULK) DENSITY:	Approx. 0.9
WATER SO	LUBILITY:	Slight	pH:	5 - 7
HEAT VAL	UE (MBTU/LB):		% ASH:	Trace
% SUSPEN	DED SOLIDS:	None		
I	DENTITY:			·
% DISSOL	VED NON-VOLATILES:	10 - 20 Acid Salt of Alcohol		
I	DENTITY:	Amine & Impurities		
LAYERING	:	None		
U	PPER:			
L	OWER:	<u></u>		
COLOR:		Yellowish		· ·
ODOR:		Paint Thinner		
VISCOSITY	Y:	low		

PRODUCT NAME CODE NUMBER	
FIRE HAZARD DATA	
FLASH POINT °F: 40°F FLAMMABLE SOLID: N/A	
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam. Water spray may rec	iuce
intensity of flames.	
FIRE-FIGHTING PROCEDURE: Firefighters should wear self-contained breathing	
apparatus. High temperature decomposition liberates oxides of nitrogen and	
carbon.	
HEALTH DATA	
TOXICITY: LD <sub>50</sub> 5000 mg/kg SKIN SENSITIZER:	Nо
SKIN IRRITANT: Yes DEGREE OF IRRITATION:	light
EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention	<u>.                                    </u>
SKIN CONTACT: Wash with soap and water. INGESTION: Obtain immediate medical attention.	
INHALATION: Remove to fresh air. Administer oxygen if necessary.	
SPECIAL PRECAUTIONS	
REACTIVE: No  CORROSIVE: No  IF CORROSIVE DH =	
HANDLING & STORAGE PRECAUTIONS: Keep away from heat, sparks and flame.	
PROTECTIVE EQUIPMENT	•
Rubber Gloves, Rubber Apron, Safety Glasses	
WASTE DISPOSAL	
TYPE OF DRUM: 55 Gallon Unlined, Tight-Top, Steel Drum (Code #93-957-559).	
DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous.	
EPA HAZARDOUS WASTE #: F005	
RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic; 3B - Moderately Flammable; 7C - Slightly Irritating	. •
DISPOSAL METHOD: Incineration at McIntosh.	
ULTIMATE FATE: Incineration at McIntosh.	
SPILL OR LEAK PROCEDURE: Absorb onto sawdust and send for incineration. Labe	1
container as above.	
ENV-WD-2DD, A7-8	<b></b>

A Commence



PRODUCT NAME		74 = 100 ·	CODE NUMBER	B	-
GENERIC NAME Chlorinated	Waste Solvents	<del></del>	_	·	
SHIPPING WAME Flammable Was	ste Solvent, NOS		<del>_</del>		
PREPARER Elizabeth The	omas		EFFECTIVE	December 1	8, 198
ENVIRONMENTAL APPROVAL	E Beach	<del></del>	SUPERSEDES	None	:
	COMPOSI	TION			
Z RANGE COMPOUND					
90-100 Acetone, Ethanol,	Isopropanol,		HALOGEN:	(	)0-2%
. Methanol, Chlorobo	enzene,	_	SULFUR:	0-2	%
Toluene, Xylene &	Soltrol	<del></del>	NITROGEN:	0-2	%
0-10 Organics		_			
Trace Inorganic					
,	CHENTON AND DUNG				
	CHENICAL AND PHYS	ICAL PROPE	<del></del>		
PHYSICAL STATE:	Liquid	_	(BULK) DENSITY	: 0.8-1.	1
WATER SOLUBILITY:	Partial		pH:	Neutra	1
HEAT VALUE (MBTU/LB):	12-17	_	% ASH:	Trace	<u>.                                    </u>
% SUSPENDED SOLIDS:	None	<del></del>			
IDENTITY:		; 		·	
% DISSOLVED NON-VOLATILES:	5				
IDENTITY:	Organics, Trace Inorganics	<u>_</u>			
LAYERING:	No	_			
UPPER:	<del></del>	_	·		- •
LOWER:	<del></del>	<del></del>		·	
COLOR:	Clear to Slight Discolored	<u>-</u>			
ODOR:	Solvent	_			
VISCOSITY:	Low (<100 cp)	_			

PRODUCT NAMECODE NUMBER					
FIRE HAZARD DATA					
FLASH POINT °F: FLAMMABLE SOLID: N/A					
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam					
FIRE-FIGHTING PROCEDURE: May give off toxic fumes if ignited. Wear self-contained					
breathing apparatus.					
HEALTH DATA					
TOXICITY: LD Slight SKIN SENSITIZER: Unknown SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate					
EMERGENCY AND FIRST AID PROCEDURES					
EYE CONTACT: SKIN CONTACT: INGESTION: INHALATION:  Remove to fresh air. Give artificial respiration if not breathing.  SPECIAL PRECAUTIONS  It is medical attention.  SPECIAL PRECAUTIONS					
REACTIVE: No					
CORROSIVE: No IF CORROSIVE pH =					
HANDLING & STORAGE PRECAUTIONS: Flammable - keep away from sparks, heat and flames.					
Keep away from oxidizing materials.					
PROTECTIVE EQUIPMENT					
Rubber gloves, respiratory, eye protection, air-supplied hood or self-contained					
breathing apparatus for potential overexposure.					
WASTE DISPOSAL					
TYPE OF DRUM: 55 gallon, unlined, tight-top bung, reconditioned, DOT steel drum (Code #93-957-559).					
DRUM LABELING: Gold, Flammable Liquid, EPA Hazardous					
EPA HAZARDOUS WASTE #: DOO1					
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic, Type 3B - Moderately Flamma-ble, Type 7B - Moderately Irritating, RI Extremely Hazardous (Chlorobenzene)					
DISPOSAL METHOD: Incineration with scrubber.					
ULTIMATE FATE:					
SPILL OR LEAK PROCEDURE: Clean up spills with absorbing agent (sawdust) and place					
in plastic bag in a fiber drum. If necessary to meet DOT regulations, the fiber					
drum must be overpacked in a DOT H-17 drum. Label both drums.					

## 3 0

.12 .... 1.1...

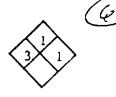
PRODUCT NAME		CODE NUMBER	• •
GENERIC NAME Chlorinated	Mixed Solvents	<u>_</u>	- · · · -
SHIPPING NAME Flammable Wa	ste Solvent, NOS		
PREPARER Joseph Barry		EFFECTIVE	December 18, 1980
ENVIRONMENTAL APPROVAL	E Reach	SUPERSEDES	None
	COMPOSITION		
Z RANGE COMPOUND			
40-55 Acetone 10-20 Isopropyl Alcohol		HALOGEN:	( )0-5%
5-15 Toluene		SULFUR:	0-2 %
5-15 Methanol 0-5 Ethanol			
5-10 Water		NITROGEN:	
0-5 Chlorobenzene			
5-10 Organics Trace Irorganics			
PHYSICAL STATE: WATER SOLUBILITY:	Liquid Partial	(BULK) DENSITY pH:	: 0.8-1.1 Neutral
	<u>Partial</u>	pH:	Neutral
HEAT VALUE (MBTU/LB):	12-16	% ASH:	Trace
% SUSPENDED SOLIDS:	0		
IDENTITY:	·		
Z DISSOLVED NON-VOLATILES:	5-10		
IDENTITY:	Organics, Trace Inorganics		
LAYERING:	No		
UPPER:			
LOWER:			
COLOR:	Variable		
ODOR:	Solvent		
VISCOSITY:	Low		

PRODUCT NAME		<u></u> .	CODE	NUMBER	
	FIRE	HAZARD DATA		<del></del>	
FLASH POINT °F:	-5 (Acetone)	FLAMMABLE	SOLID:	No	_
EXTINGUISHING ME	DIA: Carbon dioxide,	dry chemical,			
FIRE-FIGHTING PR	OCEDURE: Use self-con	tained breath	ing appar	atus.	
•	<u>H</u>	EALTH DATA			
TOXICITY: LD 50 SKIN IRRITANT:	Slight Yes			ENSITIZER: OF IRRITATION:	Unknown Moderate
	EMERGENCY ANI	FIRST AID P	ROCEDURES		<del></del>
INGESTION: OI INHALATION: Re	lush eyes with water for ash with soap and water btain immediate medical emove to fresh air. Gi f breathing is difficul	attention. ve artificia	l resnira	tion if not bro	arhi
	SPECIAL	PRECAUTIONS			
REACTIVE: No CORROSIVE: No			IF	CORROSIVE pH =	
HANDLING & STORAG	GE PRECAUTIONS: Flamma	ble, breathi	ng vapor	harmful, causes	eye
injury. Store aw	vay from heat, sparks a	nd flame.			
	PROTECT	IVE EQUIPMENT	<u>r</u>		
Rubber gloves, re	espiratory, eye protect	ion, air-supp	olied hoo	d or self-conta	ined.
breathing apparat	us for potential overe	xposure.			
	WAST	E DISPOSAL			
TYPE OF DRUM: 55	gallon, unlined, tigh ode #93-957-559).	t-top bung, r	econdition	oned, DOT steel	drum
DRUM LABELING: G	old, EPA Hazardous Was	e, DOT Flamm	able Liqu	uid	
EPA HAZARDOUS WAS	TE #:D001			-	_ <del>_</del>
RHODE ISLAND CLAS	ble, Type	Slightly Tox 7B - Moderat (Chlorobenze	ely Irrit	3B - Moderately ating, RI Extre	y Flamma- emely
DISPOSAL METHOD:	Incineration with scru	bber.			
ULTIMATE FATE:					
SPILL OR LEAK PROC				t (sawdust) and	
in plastic bag in	a fiber drum. If nece	ssary to mee	t DOT reg	ulations, the f	iber
drum must be over	packed in a DOT H-17 dr	um. Label b	oth drums	•	



PRODUCT NAME	المراجعة المحادات	CODE NUMBER	•
GENERIC NAME Aliphatic, A	romatic Liquid	<del></del>	-
SHIPPING NAME Waste Solver	nt, NOS		
PREPARERIan Campbell		EFFECTIVE	December 22, 198
ENVIRONMENTAL APPROVAL	T.Cax	SUPERSEDES	None
	COMPOSITI		
Z RANGE COMPOUND		<del></del>	
30-60 Special Naptholit	e 66/3	HALOGEN:	() 0%
20-40 Toluene		SULFUR:	0-2 %
20-40 Isopropanol		NITROGEN:	0-2 %
5-10 Water			
5-10 Organics	_		
5-10 Methanol	-		
C	HEMICAL AND PHYSIC	AL PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.8-1.0
WATER SOLUBILITY:	Partial	рН:	Neutral
HEAT VALUE (MBTU/LB):	12-16	% ASH:	Trace
% SUSPENDED SOLIDS:	0		
IDENTITY:			
Z DISSOLVED NON-VOLATILES:	5-10		
IDENTITY:	Organics		
LAYERING:	No		
UPPER:			
LOWER:		, ,	
COLOR:	Black		
ODOR:	Kerosene-Like		
VISCOSITY:	Low	·	
· · == - ·		,	

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: 52 (Methanol) FLAMMABLE SOLID: NO  EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus
HEALTH DATA
TOXICITY: LD <sub>50</sub> 500-5000 mg/kg SKIN SENSITIZER: Unknown SKIN IRRITANT: YES DEGREE OF IRRITATION: Moderate
EYE CONTACT: SKIN CONTACT: INGESTION: Under the contact of the con
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH = HANDLING & STORAGE PRECAUTIONS: Keep away from heat sparks and open flame.
PROTECTIVE EQUIPMENT
Rubber gloves, Face shield, Eye Protection
WASTE DISPOSAL
TYPE OF DRUM: Waste Solvent Tank T-1 or 55 gallon unlined tight-top steel drum (#93-957-559)
DRUM LABELING: Gold, EPA Hazardous Waste, Dot Flammable Liquid, Special Handling.
EPA HAZARDOUS WASTE #: DOOI
RHODE ISLAND CLASSIFICATION: 1C - Slightly Toxic, 3B - Moderately Flammable  7B - Moderately Irritating
DISPOSAL METHOD: Incineration
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Clean up spills with absorbing agent and place in 30 gal- lon blo-lined fiber drum. Overpack in H-17 drum.



#### → . . WASTE DATA SHEET

FRODUCT NAME	· · · · · · · · · · · · · · · · · · ·	CODE NUMBER 4	· · · · ·	
GENERIC NAME Non-Halogenat	ed Organics	<del>.</del>		
SHIPPING NAME Waste Nitro A	niline			
PREPARER <u>Ian Campbell</u>		EFFECTIVE _J	une 12, 19	81
ENVIRONMENTAL APPROVAL	1.6	SUPERSEDES _	None	
•	COMPOSITION	<u>NC</u>		
Z RANGE COMPOUND				
98%-100 O-Nitro Aniline		HALOGEN:	( 0	) 0%
0%-2% Paper/Plastic		SULFUR:	0	<u></u> %
		NITROGEN:	20	_%
<u>c</u>	HEMICAL AND PHYSIC	AL PROPERTIES		
PHYSICAL STATE:	Solid	(BULK) DENSITY:	1.4	
WATER SOLUBILITY:	Insoluble	pH:		
HEAT VALUE (MBTU/LB):	12	% ASH:	0% - 1%	<del></del>
% SUSPENDED SOLIDS:				
IDENTITY:	··-			
% DISSOLVED NON-VOLATILES:				•
IDENTITY:	• ;			
LAYERING:				
UPPER:				
LOWER:		•	,	
COLOR:	Yellow			
ODOR:	Pungent			
VISCOSITY:				

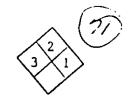
PRODUCT NAME	CODE NUMBER
	FIRE HAZARD DATA
FLASH POINT °F	: FLAMMABLE SOLID: No
EXTINGUISHING N	MEDIA: Carbon dioxide, dry chemical, foam.
FIRE-FIGHTING I	PROCEDURE: Toxic oxides of nitrogen may be evolved upon burning.
	as explosive properties when shocked. Wear self-contained breathing
apparatus.	
	HEALTH DATA
TOXICITY: LD50	3560 mg/kg SKIN SENSITIZER: No
SKIN IRRITANT:	Yes DEGREE OF IRRITATION: Moderate
	EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT:	Flush eyes with water for 15 minutes. Obtain medical attention.
SKIN CONTACT: INGESTION:	Wash with soap and water for 15 minutes.  Obtain immediate medical attention.
INHALATION:	
	SPECIAL PRECAUTIONS
REACTIVE:	<del></del>
CORROSIVE:	IF CORROSIVE pH =
HANDLING & STOR	AGE PRECAUTIONS: Keep container tightly closed - material is a
dust hazard. K	eep dry.
	PROTECTIVE EQUIPMENT
Paper suit, air	hood, rubber gloves.
	WASTE DISPOSAL
TYPE OF DRUM:	H-17 (Code #93-958-559).
DRUM LABELING:	Gold label, Secure Landfill.
EPA HAZARDOUS W	ASTE #:
RHODE ISLAND CL	ASSIFICATION: 1C - Slightly Toxic Waste; 3B - Moderately Flammable Waste; 7B - Moderately Irritating Waste
DISPOSAL METHOD	: Secure landfill.
ULTIMATE FATE:	
SPILL OR LEAK P	ROCEDURE: Sweep up and place in same drum.

# 2 2 1

PRODUCT NAME	A marina	_ CODE NUMBER	
GENERIC NAME Process Samp	les		
SHIPPING NAME Waste Organic	Solid NOS		
PREPARER Elizabeth Tho	omas	EFFECTIVE	February 9, 1981
ENVIRONMENTAL APPROVAL	E Brack	SUPERSEDES	None
·.	COMPOSIT	TION	
7 RANGE COMPOUND ALICYCLIC AND SUBSTITUTED	HETEROCYCLIC ORGANICS	_ HALOGEN:	(Chlorine)0-5%
10-20 (Solvents: water,	acetone, meth-	SULFUR:	0_5%
anol, ethanol, for	ocol, toluene)	NITROGEN:	%
<u> </u>	CHEMICAL AND PHYSI	CAL PROPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY:	1-1.5
WATER SOLUBILITY:	Partial	pH:	6-8
HEAT VALUE (MBTU/LB): -	·	% ASH:	<del></del>
% SUSPENDED SOLIDS:	80-90		
IDENTITY:	Same as above	-	
% DISSOLVED NON-VOLATILES:			
IDENTITY:		<i>,</i>	
LAYERING:	N/A		•
UPPER:			
LOWER:			
COLOR:		•	
DDOR:	Slight Solvent Odor		
/ISCOSITY:	N/A	·	

PRODUCT NAME CODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F. N/A
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical
our bon dioxide, dry chemical
FIRE-FIGURING PROCEDURE AND ADDRESS OF THE PR
FIRE-FIGHTING PROCEDURE: May give off toxic fumes, wear self-contained breathing
apparatus.
HEALTH DATA
TOXICITY: LD50 Slight 500-5000 mg/kg SKIN SENSITIZER: No
bedate of irritation: Slight
EYE CONTACT: Flush eyes with water for 15 minutes 201
SKIN CONTACT: Wash with soap and water.
INCESTION: Obtain immediate medical attention.  INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No
CORROSIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS:
PROTECTIVE EQUIPMENT
Rubber gloves, respiratory, eye protection.
WASTE DISPOSAL
TYPE OF DRUM: 30 gallon, blo-lined, fiber pak (Code #93-952-304) overpacked in a 59
must be placed between the fiber pak and H-17 drum to approximately 1/3-1/2 the height of the fiber pak.
DRUM LABELING: Gold Label, Special Handling, Flammable Solid, EPA Hazardous
EPA HAZARDOUS WASTE #: DOO1
RHODE ISLAND CLASSIFICATION: 1C, 7C, 3C
DISPOSAL METHOD: McIntosh incineration.
The same of the sa
SPILL OR LEAK PROCEDURE: Sweep up and put in drum as above.

. <u>`</u>.



#### WASTE DATA SHEET

PRODUCT NAME		1.			CODE NUMBER			
GENERIC NAME	Process Sample	s			<del>-</del>			
SHIPPING NAME	Vaste Organic	Solids,	NOS		_			
PREPARER <u>I</u>	Elizabeth Thom	as_	<del></del>		EFFECTIVE	Dece	mber 1	1, 1980
ENVIRONMENTAL A	APPROVAL		Beach		SUPERSEDES		Non	
٠			COMPOSITI	ON				
% RANGE COMPOU	JND	•					•	
40-60 Organi	lcs		·	H	ALOGEN:	(	NOS	)0.5%
5-15 Inorga			<u> </u>	og+ren S	ULFUR:	_	0~5	%
25-55 Glass				N	ITROGEN:		0→5	%
PHYSICAL STATE:		Sol		(	BULK) DENSITY	:1	.0-1.	2
HEAT VALUE (MBT	•	Part N/		-	Н:		4-11	<del></del>
% SUSPENDED SOL	•	10	<u> </u>	76	ASH:		25-60	<del>-</del>
IDENTITY	-		<del></del>					
% DISSOLVED NON	-VOLATILES:	N/	A					
IDENTITY	:							
LAYERING:		N/A	<u> </u>					
UPPER:	_							
LOWER:	_							.•
COLOR:	_	Varia	able					
ODOR:	_							
VISCOSITY:	_	N/A	<u> </u>					

PRODUCT NAME		CODE NUMBER	
<u> </u>	RE HAZARD DATA		
FLASH POINT °F: >200	FLAMMABLE	SOLID: No	
EXTINGUISHING MEDIA: Carbon dioxide	, dry chemical,	foam	
FIRE-FIGHTING PROCEDURE: Toxic fume			f-
contained breathing apparatus.			
	HEALTH DATA		
TOXICITY: LD 50 Moderat SKIN IRRITANT: Unknow		SKIN SENSITIZER: DEGREE OF IRRITATION:	Unknown
EMERGENCY	AND FIRST AID PR	OCEDURES	
EYE CONTACT: Flush eyes with water SKIN CONTACT: Wash with soap and wa INGESTION: Obtain immediate medi INHALATION:	ter for 15 minut	Obtain medical attent	ion.
SPEC	IAL PRECAUTIONS		
REACTIVE: No CORROSIVE: No		IF CORROSIVE PH =	<del></del>
HANDLING & STORAGE PRECAUTIONS: Put	Speedi-Dri/sawd	ust between samples.	<del></del>
PROT	ECTIVE EQUIPMENT		
Rubber gloves, eye protection			
<u> </u>	ASTE DISPOSAL		
TYPE OF DRUM: 55 gallon, blue, 5/8- (Code #93-958-559), w	inch bolt ring ( ith sawdust betw	H-17) unlined, DOT drum ween samples to fill drum	<u> </u>
DRUM LABELING: Gold, Secure Landfil	1	<u>-</u>	
EPA HAZARDOUS WASTE #:			
RHODE ISLAND CLASSIFICATION: Type 1	B - Moderately T	oxic	
DISPOSAL METHOD: Secure landfill.			
ULTIMATE FATE:	<u>.</u>		
SPILL OR LEAK PROCEDURE: Sweep up a	nd place in samp	le jar and place in sam	e_drum

as above.

### (22)

## CIBA-GEIGY CORPORATION CRANSTON, RHODE ISLAND

# 3 1

#### . ... WASTE DATA SHEET

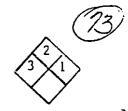
PRODUCT NAME		CODE NUMBER	
GENERIC NAME Process Sample	es ´	·	
SHIPPING NAME Waste Organic	Solids, NOS		
PREPARER Joseph Barry		EFFECTIVE	December 18, 1980
ENVIRONMENTAL APPROVAL	E Reach	SUPERSEDES	None
gN e	COMPOSITION		
Z RANGE COMPOUND			
40-60 Organics		HALOGEN:	( )0-5%
5-15 Inorganics		SULFUR:	0-5%
25-55 Glass		NITROGEN:	0-5%
Сн	EMICAL AND PHYSICAL PR	OPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY	:1.0-1.2
WATER SOLUBILITY:	Partial	pH:	4-11
HEAT VALUE (MBTU/LB):		% ASH:	. 25-50
Z SUSPENDED SOLIDS:	100		<del>-</del>
IDENTITY:	<u> </u>		·
7 DISSOLVED NON-VOLATILES:	0		
IDENTITY:		•	•
LAYERING:	No		
UPPER:	·		•
LOWER:			
COLOR:	Variable		
ODOR:			
VISCOSITY:	N/A		

וס	ᇚ	זור	CT	NT A	ME

ì	^	^	r	Œ.	N	17	 n	•	п.

#### FIRE HAZARD DATA

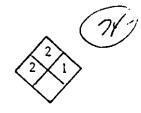
FLASH POINT °F:	FLAMMABLE SOLID: No					
EXTINGUISHING MEDIA: Carbon dioxide or d	ry chemical					
FIRE-FIGHTING PROCEDURE: Toxic fumes may	be generated if ignited, wear self-					
contained breathing apparatus.						
HEAL	TH DATA					
TOXICITY: LD 50 Moderate SKIN IRRITANT: Unknown	SKIN SENSITIZER: Unknown DEGREE OF IRRITATION:					
EMERGENCY AND F	IRST AID PROCEDURES					
EYE CONTACT:  SKIN CONTACT:  INGESTION:  INHALATION:  Flush eyes with water for 15 minutes. Obtain medical attention.  Obtain immediate medical attention.						
SPECIAL P	RECAUTIONS					
REACTIVE: No CORROSIVE: No	IF CORROSIVE pH =					
HANDLING & STORAGE PRECAUTIONS: None	<del></del>					
PROTECTIV	E EQUIPMENT					
Rubber gloves, eye protection						
WASTE	DISPOSAL					
TYPE OF DRUM: 55 gallon, blue, 5/8-inch bolt ring (H-17) unlined, DOT drum  (Code #93-958-559), with sawdust between samples to fill drum.						
DRUM LABELING: Gold, Secure Landfill						
EPA HAZARDOUS WASTE #: None	· .					
RHODE ISLAND CLASSIFICATION: Type 1B - M	oderately Toxic					
DISPOSAL METHOD: Secure landfill.						
ULTIMATE FATE:						
SPILL OR LEAK PROCEDURE: Sweep up and place in sample jar and place in same drum						
as above.						



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Process Samp	oles	<del></del>	
SHIPPING NAME Waste Organi		<del></del>	
PREPARER Ian Campbell		EFFECTIVE	December 18, 1982
ENVIRONMENTAL APPROVAL	-/·G	SUPERSEDES	March 9, 1981
% RANGE COMPOUND	COMPOSIT	ION	
40-60 Organics - Primar benzotriazoles	ily Substituted	HALOGEN:	( )0-5%
5-15 Inorganics - Prima	arily NaCl, Na <sub>2</sub> SO <sub>4</sub>	SULFUR:	0-5 %
25~55 Glass	and the second s	NITROGEN:	0-5 %
<u> </u>	CHEMICAL AND PHYSIC	AL PROPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY:	1.0-1.2
. WATER SOLUBILITY:	Partial	pH:	4-11
HEAT VALUE (MBTU/LB):		% ASH:	25-60
% SUSPENDED SOLIDS:	90-100		
IDENTITY:	Organics, Inorganics		
% DISSOLVED NON-VOLATILES:	0	· ·	
IDENTITY:			
LAYERING:	No		
UPPER:			.•
LOWER:			
COLOR:	Variable		
ODOR:			
VISCOSITY:	N/A	·	:

PRODUCT NAMECODE NUMBER
FIRE HAZARD DATA
FLASH POINT °F: FLAMMABLE SOLID: No
EXTINGUISHING MEDIA: Carbon dioxide or dry chemical
FIRE-FIGHTING PROCEDURE: Toxic fumes may be generated if ignited, wear self-
contained breathing apparatus.
HEALTH DATA
TOXICITY: LD 50 Moderate SKIN SENSITIZER: Unknown DEGREE OF IRRITATION:
EMERGENCY AND FIRST AID PROCEDURES
···
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.
SKIN CONTACT: Wash with soap and water. Obtain medical attention.  INGESTION: Obtain immediate medical attention.
INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: None
PROTECTIVE EQUIPMENT
Rubber gloves, eye protection
WASTE DISPOSAL
TYPE OF DRUM: 55 gallon, All-Weather-Pak, DOT drum (Code #93-953-567)
DRUM LABELING: Gold, Special Handling
EPA HAZARDOUS WASTE #: None
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic
DISPOSAL METHOD: Incinerate at McIntosh
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Sweep up and place in sample jar and place in same drum
as above.

ENV-WD-2F, B 11-12



#### WASTE DATA SHEET

PRODUCT NAME		_ CODE NUMBER	
GENERIC NAME Solvent wet A	bsorbent	<u> </u>	_
SHIPPING NAME Waste Flammat	le Solid, NOS		
PREPARER Ian Campbell		EFFECTIVE	March 9, 1981
ENVIRONMENTAL APPROVAL	E Beach		NONE
	COMPOSITION		
% RANGE COMPOUND	· ·		
85-95 Clay or Sawdust		HALOGEN:	( 0 )0
5-15 Organic Solvents*		SULFUR:	0 %
	- <u> </u>	NITROGEN:	
11	<u> </u>	****	
<u>C</u>	HEMICAL AND PHYSICAL P	ROPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY:	1.2-1.5
WATER SOLUBILITY:	Partial	pH:	
HEAT VALUE (MBTU/LB):	5	% ASH:	85-95
% SUSPENDED SOLIDS:	85-95		or 0-3
IDENTITY:	Clay or , Sawdust		
% DISSOLVED NON-VOLATILES:	:	•	
IDENTITY:			
LAYERING:			
UPPER:			
LOWER:		-	
COLOR:	Gray-brown		•
ODOR:	Solvent	•	
VISCOSITY:			

The following approved solvents only:
\* Toluene, Heptane, MEK, Xylene, Acetone, Special Naphtholite, Methanol, IPA

PRODUCT NAME _	CODE NUMBER
	FIRE HAZARD DATA
FLASH POINT °F:	·
EXTINGUISHING M	EDIA: Carbon dioxide or dry chemical
FIRE-FIGHTING P	ROCEDURE:
	HEALTH DATA
TOXICITY: LD <sub>50</sub> SKIN IRRITANT:	Slight SKIN SENSITIZER: No DEGREE OF IRRITATION: Moderate
	EMERGENCY AND FIRST AID PROCEDURES
SKIN CONTACT:	Flush eyes with water for 15 minutes. Obtain medical attention.  Wash with soap and water.
INGESTION: INHALATION:	Obtain immediate medical attention.
	SPECIAL PRECAUTIONS
REACTIVE: N CORROSIVE: N	
HANDLING & STOR	AGE PRECAUTIONS: Flammable, keep away from heat, sparks and flames.
	PROTECTIVE EQUIPMENT
Rubber gloves,	eye protection
	WASTE DISPOSAL
	R-30 BLB-PR4 Blow-lined fiber drum (Code #93-952-302) 5/8 inch bolt ring (H-17) unlined, DOT drum (Code #93-958-559). Over packed in 55 gallon.
DRUM LABELING:	DOT Flammable Solid, Gold, Special Handling
EPA HAZARDOUS W	
RHODE ISLAND CL	
DISPOSAL METHOD	: Incineration at McIntosh
ULTIMATE FATE:	<del></del>
SPILL OR LEAK P.	ROCEDURE: Sweep up and place in same drum.



PRODUCT NAME		CODE NUMBER	-
GENERIC NAME Process Sampl	es		
SHIPPING NAME Flammable Sol	ids, NOS		
PREPARER Joseph Barry		EFFECTIVE	December 18, 1980
ENVIRONMENTAL APPROVAL	E Brack	SUPERSEDES	None
t-s <sub>i</sub>	COMPOSITION		-
Z RANGE COMPOUND			
40-60 Organics		HALOGEN:	( )0-5%
5-15 Inorganics		SULFUR:	0-5 %
25-55 Glass	·	NITROGEN:	0-5 %
C	HEMICAL: AND PHYSICAL P	BODEDTIES	
PHYSICAL STATE:	Solid Solid	(BULK) DENSITY:	1.0-1.2
WATER SOLUBILITY:	Partial	pH:	Neutral
HEAT VALUE (MBTU/LB):	<del></del>	% ASH:	-25-60
% SUSPENDED SOLIDS:	90-100		
IDENTITY:	Organics, Inorganics		·
% DISSOLVED NON-VOLATILES:	0.		-
IDENTITY:			
LAYERING:	No		
UPPER:			
LOWER:			
COLOR:	Variable		
ODOR:			
VISCOSITY:	N/A		:

FLASH POINT °F: N/A FLAMMABLE SOLID: Yes
EXTINGUISHING MEDIA: Carbon dioxide or dry chemical
FIRE-FIGHTING PROCEDURE: May give off toxic fumes if ignited, wear self-contained
breathing apparatus.
HEALTH DATA
TOXICITY: LD 50 Moderate SKIN SENSITIZER: Unknown SKIN IRRITANT: Unknown DEGREE OF IRRITATION:
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water. Obtain medical attention.  INGESTION: Obtain immediate medical attention.
INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No CORROSIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Flammable, keep away from heat, sparks and flames.
PROTECTIVE EQUIPMENT
Rubber gloves, eye protection
WASTE DISPOSAL
TYPE OF DRUM: 55 gallon, blue, 5/8-inch bolt ring (H-17) unlined, DOT drum (Code #93-958-559).
DRUM LABELING: DOT Flammable Solid, Gold, Secure Landfill
EPA HAZARDOUS WASTE #: None
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic, Type 3C - Slightly Flammable
DISPOSAL METHOD: Secure landfill.
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Sweep up and place in sample jar and place in same drum
as above.



PRODUCT NAME			CODE NUMBER	
GENERIC NAME	Process Sampl	es		
SHIPPING NAME	Flammable Sol	ids, NOS		
PREPARER	Ian Campbell	7	EFFECTIVE	December 18, 1982
ENVIRONMENTAL A	APPROVAL	1.62	SUPERSEDES	March 9, 1981
·	•	COMPOSITION	-	
Z RANGE COMPO	UND			
40-50 Organi be	ic Solids - P enzotriazoles	rimarily N-Substituted	HALOGEN:	()0-5%
5-15 Inorga	nics		SULFUR:	0-5 %
25-55 Glass			NITROGEN:	0-5 %
0-10 Water				
	c Solvents (1	Non-Halogenated)		
	<u></u>	0		
	<u>CI</u>	HEMICAL AND PHYSICAL PRO	OPERTIES .	·
PHYSICAL STATE:		Solid	(BULK) DENSITY	1.0-1.2
WATER SOLUBILIT	Υ:	Partial	pH:	Neutral
HEAT VALUE (MBT	U/LB):		% ASH:	25-60
% SUSPENDED SOL	IDS:	90-100		
IDENTITY	:	Organics, Inorganics	·	
% DISSOLVED NON-	-VOLATILES:	0		
IDENTITY	<b>:</b>	· · · · · · · · · · · · · · · · · · ·	•	
LAYERING:		No		٠
UPPER:				
LOWER:			-	
COLOR:	- -	Variable		
ODOR:	-			
VISCOSITY:	-	N/A		

PRODUCT NAME CODE NUMBER
The second secon
FIRE HAZARD DATA
FLASH POINT °F: N/A FLAMMABLE SOLID: Yes
EXTINGUISHING MEDIA: Carbon dioxide or dry chemical
breathing apparatus. May give off toxic fumes if ignited, wear self-contained
HEALTH DATA
TOXICITY: LD Moderate SKIN SENSITIZER: Unknown SKIN IRRITANT: Unknown DEGREE OF IRRITATION:
EMERGENCY AND FIRST AID PROCEDURES
SKIN CONTACT: Wash with soap and water. Obtain medical attention.
INGESTION: Obtain immediate medical attention.  INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDY TWO A COURT OF
and frames
PROTECTIVE EQUIPMENT
Rubber gloves, eye protection
WASTE DISPOSAL
TYPE OF DRUM: 55 gallon, All-Weather-Pak, DOT drum
(Code #93-953-567).
DRUM LABELING: DOT Flammable Solid, Gold, Special Handling
EPA HAZARDOUS WASTE #: None
RHODE ISLAND CLASSIFICATION: Type 1B - Moderately Toxic, Type 3C - Slightly Flammable
DISPOSAL METHOD: Incinerate at McIntosh
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Sweep up and place in sample jar and place in same drum
as above.



PRODUCT NAME	· <del></del>	CODE NUMBER	J <del> </del>
GENERIC NAME Non-Halogena	ted Solvent		<u> </u>
SHIPPING NAME Waste Solvent	NOS (IPA solution)	<del></del>	•
PREPARER Robert Kofsky		EFFECTIVE	June 29, 1981
ENVIRONMENTAL APPROVAL	f. Cert	SUPERSEDES	January 23, 1981
·	COMPOSITION		
Z RANGE COMPOUND			
30-75 Water		HALOGEN:	(Chlorine)0.0%
25-55 Isopropyl Alcohol		SULFUR:	0.0 %
0-18 Xylene	<u>.'</u>	NITROGEN:	0.9 %
0.5-1.5 Ammonia			
<u>c</u>	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.9-1.0
WATER SOLUBILITY:	Partially	pH:	10-11
HEAT VALUE (MBTU/LB):	3-9	% ASH:	<.3
% SUSPENDED SOLIDS:	0.0		
IDENTITY:			
% DISSOLVED NON-VOLATILES:	<.3		
IDENTITY:			
LAYERING:	No	·	. • •
UPPER:			·.
LOWER:			
COLOR:	Clear Brown		
ODOR:	Ammonia, Rubbing Alcohol		
VISCOSITY:	Low		

PRODUCT	NAME
---------	------

$\alpha \alpha r$		B 7 1	~ 4 5	
COL	1 P	NI	IMP	LF P

FLASH POINT °F: 53 Isopropy1 FLAMMABLE SOLID: N/A  Alcohol **
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical and alcohol type foams.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.
HEALTH DATA
TOXICITY: LD <sub>50</sub> Non-Hazardous SKIN SENSITIZER: Unknown SKIN IRRITANT: No DEGREE OF IRRITATION:
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT:  SKIN CONTACT: INGESTION:  Obtain immediate medical attention.  Obtain immediate medical attention.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Storage should be in non-combustible surroundings
away from acids or oxidizing materials and heat, spark and open flame.
PROTECTIVE EQUIPMENT
Rubber gloves, face shield.
WASTE DISPOSAL
TYPE OF DRUM: Non-chlorinated waste solvent tank or 55 gallon unlined tight top bung reconditioned DOT steel drum Code #93-957-559.
DRUM LABELING: DOT Flammable Liquid, Gold label
EPA HAZARDOUS WASTE #: D001
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste
DISPOSAL METHOD: Incineration
JLTIMATE FATE:
SPILL OR LEAK PROCEDURE: Flush down drain with plenty of water.

ENV-WD-2, B5-6, S2



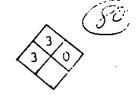
PRODUCT NAME	<del></del>	CODE NUMBER	
GENERIC NAME Acetone Boilo	uts	<del> </del>	
SHIPPING NAME Waste Solvent	NOS (Acetone Soluti	lon)	
PREPARER Joseph Barry		EFFECTIVE J	June 15, 1981
ENVIRONMENTAL APPROVAL	1. Bd.	SUPERSEDES A	pril 8, 1981
	COMPOSITION	<u>.</u>	
% RANGE COMPOUND			
>99 Acetone		HALOGEN:	(Chlorine)
<1 Total Non-Hazardous	s Contaminants	SULFUR:	Sum Less
0 Hazardous Contamina	ants	NITROGEN:	Than 1%
<u>cı</u>	HEMICAL AND PHYSICAL	. PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	<0.8
WATER SOLUBILITY:	Infinite	рН:	Neutral
HEAT VALUE (MBTU/LB):	12-16	% ASH:	Trace
% SUSPENDED SOLIDS:	0		
IDENTITY:			·
% DISSOLVED NON-VOLATILES:	<1		
IDENTITY:			
LAYERING:	No		
UPPER:			•
LOWER:			
COLOR:	Variable	•	.•
ODOR:	Sharp Lacquer- Like Odor	,	•
VISCOSITY:	Low		

FLASH POINT °F:	(-5)	FLAMMABLE SOL	ID:		
EXTINGUISHING MEDIA:	Carbon Dioxide, Dry	Chemical, Alco	ohol Type I	oam	
FIRE-FIGHTING PROCEDU	RE: <u>Use self-contair</u>	ed breathing a	apparatus.	Dilution of	burn-
ing liquid with water	(avoid splashing) w	ll put out ac	etone fire.		
	HEAL?	TH DATA			
TOXICITY: LD <sub>50</sub> 9750 r SKIN IRRITANT:	ng/kg (non-toxic) Yes		IN SENSITIZ GREE OF IRE		known light
	EMERGENCY AND FIR	ST AID PROCED	URES		
SKIN CONTACT: Wash will INGESTION: Obtain	with water 15 minutes ith soap and water. medical attention. to fresh air.	Obtain med	ical attent	ion.	
	SPECIAL PE	ECAUTIONS			
REACTIVE: No CORROSIVE: No			IF CORRO	SIVE pH =	
HANDLING & STORAGE PRI	ECAUTIONS: Keep away	from heat, sp	parks and f	lame.	· · · -
	PROTECTIVE	EQUIPMENT			
Respiratory, Rubber Gl Breathing Apparatus fo			i Hood or S	elf-Contained	<u>1</u>
	WASTE E	ISPOSAL			
	ecial drums are requi ne - Direct pipeline		Warehousin	g•	
DRUM LABELING: DOT FI	ammable Liquid, Gold	, EPA Hazardou	ıs Waste	· .	
EPA HAZARDOUS WASTE #:	F-003				
RHODE ISLAND CLASSIFIC	<u></u>	derately Flammightly Irritat		;	
DISPOSAL METHOD: Inci	neration	·			
ULTIMATE FATE:					
SPILL OR LEAK PROCEDUR	E: Flush to drain w	ith large amou	unt of wate	r.	



FRODUCT NAME		CODE NUMBER	
GENERIC NAME Isopropyl Alc	cohol Boilouts		
SHIPPING NAME Waste Solvent	t Nos (Isopropyl Al	cohol Solution)	
PREPARER Joseph Barry	<u></u>	EFFECTIVE	April 8, 1981
ENVIRONMENTAL APPROVAL	I found	SUPERSEDES	November 19, 1980
	COMPOSITI	<u>on</u>	
Z RANGE COMPOUND			
>99 Isopropyl Alcohol		HALOGEN:	(Chlorine)
<1 Total Non-Hazardou	is Contaminants	SULFUR:	Sum Less
0 Hazardous Contamin	nants	NITROGEN:	Than 1%
<u>(</u>	CHEMICAL AND PHYSIC	AL PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	<0.8
WATER SOLUBILITY:	Infinite	pH:	Neutral
HEAT VALUE (MBTU/LB):	12-16	% ASH:	Trace
% SUSPENDED SOLIDS:	0		·
IDENTITY:	•••		
% DISSOLVED NON-VOLATILES:	<1		
IDENTITY:			
LAYERING:	No		•
UPPER:			
LOWER:		•	•
COLOR:	Variable		•
ODOR:	Rubbing Alcohol Odor		
VISCOSITY:	Low		•

FLASH POINT °F: 53 FLAMMABLE SOLID:	
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Alcohol Type Foam	
FIRE-FIGHTING PROCEDURE: Carbon monoxide may result from incomplete combustion	and
therefore self-contained breathing apparatus should be used.	
HEALTH DATA	•
TOXICITY: LD <sub>50</sub> No SKIN SENSITIZER: Unk	nown
SKIN IRRITANT: No DEGREE OF IRRITATION:	IOWIL
EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT: Flush with water 15 minutes. Obtain eyelids occasionally. Conse	ılt
SKIN CONTACT: Flush off with cold water. Remove contaminated clothing.	
INGESTION: Obtain medical attention.	
INHALATION: Remove to fresh air.	
SPECIAL PRECAUTIONS	
REACTIVE: No	
CORROSIVE: No IF CORROSIVE pH =	
HANDLING & STORAGE PRECAUTIONS: Flammable - Breathing vapor may be harmful. Ca	use.
eye injury. Store in metal containers away from heat, sparks and flame.	
PROTECTIVE EQUIPMENT	
Respiratory, Rubber Gloves, Eye Protection, Air-Supplied Hood or Self-Contained	
Breathing Apparatus for Potential Overexposure.	
WASTE DISPOSAL	
TYPE OF DRUM: A) 55 gallon, unlined, tight-top bung reconditioned DOT steel d	um,
(Code #93-957-559).  B) None - Direct pipeline transfer.	
by none bitect pipeline transfer.	
DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste	
EPA HAZARDOUS WASTE #: D-001	
RHODE ISLAND CLASSIFICATION: Type 3B - Moderately Flammable Waste	
DISPOSAL METHOD: Incineration	
JLTIMATE FATE:	
SPILL OR LEAK PROCEDURE: Flush spills to drain.	

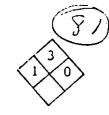


PRODUCT NAME		CODE NOWREK	
GENERIC NAME Methanol Boilout	<u>s</u>		•
SHIPPING NAME Waste Solvent No	s (Methanol Solution)		June 15, 1981
PREPARER Joseph Barry	700	EFFECTIVE _	November 19, 1980
ENVIRONMENTAL APPROVAL	1. U	SUPERSEDES _	November 23,
<b>/</b>	COMPOSITION		
Z RANGE COMPOUND		HALOGEN:	(Chlorine)
>99 Methanol			Sum Less
<1 Total Non-Hazardous	Contaminants	SULFUR:	
0 Hazardous Contaminar	nts	NITROGEN:	Than 1%
CHE	EMICAL AND PHYSICAL PR	ROPERTIES	
	Liquid	(BULK) DENSITY:	<0.8
PHYSICAL STATE:		pH:	Neutral
WATER SOLUBILITY:	Infinite	% ASH:	Trace
HEAT VALUE (MBTU/LB):	9-12	/8 75	
% SUSPENDED SOLIDS:	0		•
IDENTITY:			
% DISSOLVED NON-VOLATILES:	<1		
IDENTITY:			
LAYERING:	No		
UPPER:			
LOWER:			
COLOR:	Variable		•
ODOR:	Alcoholic to Pungent		
VISCOSITY:	Low		

GE	NE	CIC	NA	MF.
~~		~~~	III.	

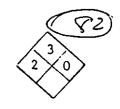
~~	DE.	1177 CD	è
		NUMBEI	
	/   /	TOLDL	ı

FLASH POINT °F:	52	FLAMMABLE	SOLID:		
EXTINGUISHING MEDIA	Carbon Dioxide, Dry	Chemical.	Alcohol Tv	ne Foam. Wat	- ter mau
be ineffective.				po roumt ma	cer way
FIRE-FIGHTING PROCEI	OURE: Wear self-conta	ined breatl	hing appara	tus.	
	HEAL	TH DATA			
TOXICITY: LD <sub>50</sub> 13,0 Can c	000 mg/kg (non-toxic) ause blindness.		SKIN SENS	ITIZER:	Unknown
SKIN IRRITANT:	Yes		DEGREE OF	IRRITATION:	Moderate
	EMERGENCY AND FI	RST AID PRO	OCEDURES		
SKIN CONTACT: Flush	with water 15 minute with large amounts on medical attention.	s. Obtain f water.	medical att	tention.	
	SPECIAL P	RECAUTIONS			
REACTIVE: No CORROSIVE: No			IF CO	ORROSIVE pH =	
HANDLING & STORAGE P	RECAUTIONS: Flammable	e. Breathi	ng vapor ha	ırmful. Caus	es eye
injury. Store away	from heat, sparks and	flame.			
	PROTECTIVE	EQUIPMENT			
Respiratory, Rubber (Breathing Apparatus	Gloves, Eye Protection for Potential Overexpo	ı, Air-Supp Sure.	lied Hood o	r Self-Conta	ined
	WASTE I	DISPOSAL			
TYPE OF DRUM: A) 55	5 gallon, unlined, tig Code #93-957-559).	ht-top bun	g reconditi	oned DOT stee	el drum,
	one - direct pipeline	transfer.			
DRUM LABELING: DOT F	lammable Liquid, Gold	, EPA Haza	rdous Waste		
EPA HAZARDOUS WASTE	F-005				
RHODE ISLAND CLASSIFI	-77 ···	derately To ste; Type	oxic Waste; 7B - Modera	Type 3B - Mo tely Irritat:	oderately ing Waste
DISPOSAL METHOD: Inc	ineration		<del></del>	·	
ULTIMATE FATE:	· · · · · · · · · · · · · · · · · ·				
SPILL OR LEAK PROCEDU	RE: Flush to drain w	ith large a	amount of wa	ater.	



PRODUCT NAME		CODE NUMBER _	
GENERIC NAME Methyl Ethyl	Ketone Boilouts		
SHIPPING NAME Waste Solver	nt Nos (Methyl Ethyl Ke	tone Solution)	
PREPARER Joseph Barry		EFFECTIVE	June 15, 1981
ENVIRONMENTAL APPROVAL	7.04	SUPERSEDES	November 19, 198
,	COMPOSITION		
% RANGE COMPOUND	<b>✓</b>		
>99 Methyl Ethyl Keto	ne	HALOGEN:	(Chlorine)
<1 Total Non-Hazardo	us Contaminants	SULFUR:	Sum Less
0 Hazardous Contami	nants	NITROGEN:	Than 1%
	CHEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL STATE:	Liquid	(BULK) DENSITY:	0.8-1.0
WATER SOLUBILITY:	Partial Partial	pH:	Neutral
HEAT VALUE (MBTU/LB):	12-16	% ASH:	Trace
SUSPENDED SOLIDS:	0		
IDENTITY:			•
Z DISSOLVED NON-VOLATILES:	<1		
IDENTITY:	· · · ·		
AYERING:	No_		•
UPPER:	<del></del>		
LOWER:		·	•
COLOR:	Variable	,	. •
DDOR:	Sweet Lacquer- Like Odor		
ISCOSITY:	Low		

GENERIC NAML
FIRE HAZARD DATA
FLASH POINT °F: 16 FLAMMABLE SOLID:
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Alcohol Type Foam
FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus. Dilution with
large amounts of water may reduce intensity of flame.
HEALTH DATA
TOXICITY: LD <sub>50</sub> 3400 mg/kg (slightly toxic) SKIN SENSITIZER: Unknown SKIN IRRITANT: Yes DEGREE OF IRRITATION: Moderate
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: SKIN CONTACT: INGESTION: INHALATION:  Inhaled, remove to fresh air. If breathing is difficult, administer oxygen. Call a physician.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Breathing of vapors may be harmful. Liquid and
vapor cause eye irritation. Keep away from heat, sparks, or flame.
PROTECTIVE EQUIPMENT
Respiratory, Rubber Gloves, Eye Protection, Air-Supplied Hood or Self-Contained Breathing Apparatus for Potential Overexposure.
WASTE DISPOSAL
TYPE OF DRUM: A) Special drums are required. Contact Warehousing.  B) None - direct pipeline transfer.
DRUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste
EPA HAZARDOUS WASTE #: F-005
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7B - Moderately Irritating Waste
DISPOSAL METHOD: Incineration
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Flush to drain with large amount of water.



PRODUCT	NAME			CODE NUMBER	
GENERIC	NAME To	luene Boilo	uts	<del></del>	~ .
SHIPPING	NAME Was	ste Solvent	Nos (Toluene Soluti	on)	
PREPARER	. <u>Jo</u>	seph Barry		EFFECTIVE	April 8, 1981
ENVIRONM	ENTAL AP	PROVAL	E Brack		November 19, 198
			COMPOSITION		
% RANGE	COMPOUNT	<u>D</u> .	•	•	
>99	Toluene			HALOGEN:	(Chlorine)
<1	Total No	on-Hazardous	s Contaminants	SULFUR:	Sum Less
0	Hazardou	us Contamina	ants	NITROGEN:	Than 1%
		CI	HEMICAL AND PHYSICAL	PROPERTIES	
PHYSICAL	STATE:		Liquid	(BULK) DENSITY:	0.8-1.0
WATER SO	LUBILITY	•	Insoluble	pH:	Neutral
HEAT VAL	UE (MBTU/	/LB):	>16	% ASH:	Trace
% SUSPEN	DED SOLI	os:	0		
I	DENTITY:				·
% DISSOL	VED NON-V	VOLATILES:	<1		
I	DENTITY:		<del></del>		
LAYERING	:		No		
U	PPER:				
L	OWER:		<del></del>		
COLOR:			Variable		
ODOR:			Toluene		•
VISCOSITY	<b>!</b> ;		Low		

FLASH POINT °F: 40 FLAMMABLE SOLID:
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam
FIRE-FIGHTING PROCEDURE: Use self-contained breathing apparatus. Water cannot be used to fight toluene fires. Water will cause the fire to spread. However, a fine water fog used in conjunction with foam will cool the vapors so as to reduce the possibility of "flash back."
HEALTH DATA
TOXICITY: LD 50 Slight SKIN SENSITIZER: Unknown SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: SKIN CONTACT: INGESTION: Use h with soap and water. Obtain medical attention.  Obtain medical attention. If inhaled, remove to fresh air. Give artificial respiration. If breathing is difficult, give oxygen and consult physician.
SPECIAL PRECAUTIONS
REACTIVE: No  CORROSIVE: No  HANDLING & STORAGE PRECAUTIONS: Flammable. Breathing of vapor may be harmful.  Causes eye injury and skin irritation. Keep away from heat, sparks, and flame.  Make sure area is well ventilated.
PROTECTIVE EQUIPMENT  Respiratory, Rubber Gloves, Eye Protection, Air-Supplied Hood or Self-Contained  Breathing Apparatus for Potential Overexposure.
WASTE DISPOSAL
TYPE OF DRUM:  A) 55 gallon, unlined, tight-top bung reconditioned DOT steel drum,  (Code #93-957-559).  B) None - direct pipeline transfer.
ORUM LABELING: DOT Flammable Liquid, Gold, EPA Hazardous Waste
EPA HAZARDOUS WASTE #: F-005
RHODE ISLAND CLASSIFICATION: Type 1C - Slightly Toxic Waste; Type 3B - Moderately Flammable Waste; Type 7C - Slightly Irritating Waste
OISPOSAL METHOD: Incineration
LTIMATE FATE:
PILL OR LEAK PROCEDURE: Clean up spills with absorbing agent (sawdust) and place n plastic bag in fiber drum. If necessary to meet DOT regulations, the fiber drum ust be overpacked in a DOT H-17 drum. Label both drums.

The feet of the state of the st



2 (1	5
$\checkmark$	Y

PRODUCT NAME	
GENERIC NAME AROMATIC HYDROCARBON	CODE NUMBER
DOT HAZARD CLASS	EFFECTIVE SUPERSEDES 5/15/81
SHIPPING NAME Waste Flammable Solvent, NOS (Xylene Solution)	ENVIRONMENTAL APPROVAL
PREPARER J. Materna	7.7
COMPOSITION	
RANGE COMPOUND:	
90-95 % Xylene	HALOGEN: ( ) = May
5-10 % Substituted Pyrazolidinediones	
	NITROGEN: <1 % Max.
CHEMICAL AND PHYSICAL PROPERT	TIES
PHYSICAL STATE:     SOLID   XI LIQUID     SE	EMI-SOLID/SLUDGE     MIXED WASIE
WATER SOLUBILITY: 1 INFINITE   PARTIAL   IN	
	ASOLUBLE PH S ASH
	Substituted Pyrazolidinediones
LAYERING:   YES  X  NO	
UPPER LAYER:	
LOWER LAYER:	
COLOR: Brown to Orange ODOR: Paint Thinner	VISCOSITY:
VISCOSITY: X LOW (WATER-LIKE)   MEDIUM (OIL-LIKE)	
DENSITY: 0.9-0.95 HEAT VALUE (MBTU/LB) 16-18	1_1 Man (Schi-Socio/ Scapac)
-	<del></del>
FIRE HAZARD AND FIRE FIGHTING INF	ORMATION
FLASH POINT (f.p.) 81 °F BOILING POINT (b.p.) 1	130 °F     FLAMMABLE SOLID
EXTINGUISHING MEDIA: (ALL THAT APPLY)     WATER     CARBON	DIOXIDE IX DRY CHEMICAL
_	LCOHOL FOAM   POLAR/SOLVENT FOAM
X  WEAR SELF-CONTAINED BREATHING APPARATUS (TOXIC GASES LIBERAT	
FIRE FIGHTING PROCEDURE, IF SPECIAL TECHNIQUE NEEDED: Vapor is	to the blancing of
ignition source and flash back.	neavier than air and may travel to an
HEALTH AND FIRST AID DATA	
TLVppm SOURCE:	
10- 4300 4- 001 1	- Oral Rat
SKIN SENSITIZER:   YES   X   NO     UNKNOWN	o oral nac
SKIN IRRITANT:  X  YES     NO     UNKNOWN	•
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain med	iool attachia
SKIN CONTACT: Flush with water and wash thoroughly with soap.	rear accention.
INGESTION: Obtain medical attention.	
INHALATION: Remove to fresh air.	

POTENTIALLY HAZARDOUS CHEMICAL REACTIVITY:	INDICATE ALL THAT APPLY (CODE NO. )
IT REACTIVE WITH OXIDANTS	I_I STRONG OXIDIZER
I_I REACTIVE WITH WATER	I_I EXPLOSIVE ON CONTACT WITH WATER
_! EXPLOSIVE UPON SHOCK	I REACTIVE WITH ACIDS
CORROSIVE: IF CORROSIVE pH	
OTHER (DESCRIBE)	
	PECIAL PRECAUTIONS:  X  OTHER (DESCRIBE): Ground and bond
drums.	
STORAGE: IXI KEEP AWAY FROM HEAT, SPARK	OR FLAME  X  VENTILATE STORAGE AREA WELL
I NO SPECIAL PRECAUTIONS  X  OTHER (DE	SCRIBE) Outside Storage
PERSONAL PROTECTIVE EQUIPMENT	_
NORMAL HANDLING:  X  RUBBER GLOVES  X  EYE	PROTECTION [_  DUST MASK (3M 8710 OR EQUIV.)  _  AIR SUPPLIED HOOD
I_I OTHER (DESCRIBE)	
SPILL CLEAN UP (OVER EXP. POT.):  X  RUBBE	R GLOVES $ \overline{X} $ EYE PROTECTION $ \overline{X} $ DUST MASK (3M 8710 OR EQUIVALENT)
IXI AIR SUPPLIED HOOD   OTHER (DESCRIBE)	
WASTE DISPOSAL DATA	
METHOD:  X  INCINERATE WITH SCRUBBER	1 SECURE LANDELL L. L. BY SECOND DADAY
CONTAINERS FOR INCINERATION, SECURE LANDFILL	I OR BY SECOND PARTY.
I PUMP TO WASTE STORAGE TANK	- ON DI SECOND PANTI:
	3-957-559   1 30 GAL. BLO-LINE DRUM #93-952-302
1 55 GAL. H-S LINED LOCK TOP DRUM #93-958	-557
55 GAL. (OVERPAK OR SECURE LANDFILL) 25	LH BOLT RING POLY/STEEL (BLUE 5/8" BOLT RING, H-17) #93-958-559
BECAUSE A COMPONENT HAS VAPOR PRESSURE OF 16	5. noi @ 100°F
1 OTHER	, , , , , , , , , , , , , , , , , , , ,
DRUM LABELS (WHEN OVERPACKING, BOTH DRUMS ME	JST BE-LABELLED SAME)
	I_I DOT FLAMMABLE SOLID   CORROSIVE  X  GOLD
IXI EPA HAZARDOUS (WASTE # DOO1	_; CONTACT WAREHOUSE, OTHER DOT LABELS MAY BE REQUIRED
SECURE LANDFILL     OTHER (DESCRIBE)	
TOXICITY: - RHODE ISLAND CLASSIFICATION	
1_1 1A HIGHLY TOXIC LD <sub>50</sub> <50 mg/kg	18 MODERATELY TOXIC >50 mg/kg <500 mg/kg
X  1C SLIGHTLY TOXIC >500 mg/kg-<5000 mg/kg	I_I NON-HAZARDOUS >5000 mg/kg
	FY ENVIRONMENTAL AND WAREHOUSING ADDITIONAL LABELING
REQU	IIRED)
REACTIVITY: X NO I YES (GET CLASS FR	OM ENVIRONMENTAL
FLAMMABILITY:	· · · · · · · · · · · · · · · · · · ·
I_I 3A HIGHLY FLAMMABLE F pt <73°F B pt <100	F I_I 3C SLIGHTLY FLAMMABLE LIQUID F pt >100°F <200°F
X 3B MODERATELY FLAMMABLE F pt <73°F B pt	>100°F or F pt 73-100°F
I 3C SLIGHTLY FLAMMABLE SOLID F pt Not >20	O°F)   3C SLIGHTLY FLAMMABLE SEMI-SOLID/SLUDGE F pt Not >300°F
I_I IF NONE OF THE ABOVE, NO DESIGNATION.	
CORROSIVITY:  X  NO (NON-CORROSIVE, NO DESI	GNATION) DEGREE:     YES (CORROSIVE: TYPE 4-CORROSIVE)
IRRITANT DEGREE:   NO OR UNKNOWN (NO DESI	GNATION)     7A HIGHLY IRRITATING
1 78 MODERATELY IRRITATING 1 1 7C	SLIGHTLY IRRITATING
SENSITIZER:  X  NO (NO DESIGNATION)	
SPILL AND LEAK PROCEDURE	
<u> </u>	DRUM OVER PACKING H-17, LABEL BOTH DRUMS AS ABOVE
I DRY SOLID, PICK UP AND PUT IN ALL WEATHER	R PACK, LABEL AS ABOVE   WET SOLID, PICK UP AND PUT IN
BLO-LINE DRUM, OVER PACK IN H-17, LABEL BOTH	DRUHS AS ABOVE 1 OTHER (DESCRIBE)

### WASTE DATA SHEET

the state of the same of the same

PRODUCT NAME					
GENERIC NAME	AROMATIC HYDROCARBON		CODE NUM	BE .	
DOT HAZARD CLA	ASS				SUPERSEDES None
SHIPPING NAME	Waste Solvent, NOS (Xylen	e Solution)	ENVIRONMENTAL A		/// None
PREPARER	J. Materna				7,
	٠.	COMPOSITI	ΩN		
			<del></del>		•
RANGE	COMP	OUND:			
	vlene	<del></del> .	·	HALOGEN:	( <u>)</u> % Max.
			·	SULFUR:	* Max.
Trace % Az	obenzene	<del></del>		NITROGEN:	~ Max.
	<del></del>		<del></del>		
	CHEMIC	CAL AND PHYSICAL	PROPERTIES		
	. <del>-</del>		<del></del>		
	: 1_1 SOLID				
WATER SOLUBILI	TY:   I INFINITE	_ PARTIAL	$1\overline{X}$ INSOLUBLE	рН	* ASH
SUSPENDED SOLI			NTITY:		<u></u>
DISSOLVED NON-			NTITY:		
LAYERING:  _		<del></del>		<del></del> -	
_	ER LAYER:				
	<del></del>	<del></del>			<del></del>
	ER LAYER:	<del></del>		<u>.</u>	· <u>- · ·</u>
	to Light Yellow ODOR:	Paint Thinner	VISCO	SITY:	
VISCOSITY:  X	LOW (WATER-LIKE)	_  MEDIUM (OIL-I	LIKE)     H	IGH (SEMI-S	OLID/SLUDGE)
DENSITY: 0.		(MBTU/LB)16			
			TING INFORMATION		
	THE WILLIAM	THE FIGH	TING THE UKMATTUM		
FLASH POINT (f	.p.)81	ILING POINT (b.,	o.) 98-100 °F	, <del>-</del> ,	FLAMMABLE SOLID
EXTINGUISHING		_		. <u>-</u> .	•
	COIN (ALL INA! AFFL!)	I_I WATER IXI	CARBON DIOXIDE	IX! DRY CHE	MICAL
		IXI WATER MIST	IXI ALCOHOL FOA	M [_] PO	LAR/SOLVENT FOAM
IXI WEAR SELF-	CONTAINED BREATHING APPARAT	US (TOXIC GASES	LIBERATED ON COMB	USTION)	
FIRE FIGHTING A	PROCEDURE, IF SPECIAL TECHN	TOUE NEEDED: V	mon is because th	! 1	
ignition source	ce and flash back.		por is heavier th	an air and i	may travel to an
	HF AI	TH AND SIDER AS	D DATA	<u></u>	
	TIE A	LTH AND FIRST AT	U DATA		
TLV	ppm	SOURCE:			
LD <sub>50</sub> 430				<del></del>	
	<b>_</b>	_	Xylene - Oral Ra	<u> </u>	<u> </u>
SKIN SENSITIZER			OWN		
SKIN IRRITANT:	IXI YES II N	D I_I UNKN	OWN		
EYE CONTACT:	Flush eyes with water for	15 minutes. Obt	ain medical atten	tion.	
SKIN LUNIALI:	Flush with water and wash t	horoughly with	зоар.		
	Obtain medical attention. Remove to fresh air.	<del></del>			
			•		

POTENTIALLY HAZARDOUS CHEMICAL REACTIVITY: INDICATE ALL THAT APPLY (CODE NO.
I_I REACTIVE WITH OXIDANTS I_I STRONG OXIDIZER
THE REACTIVE WITH WATER I EXPLOSIVE ON CONTACT WITH WATER
I_I EXPLOSIVE UPON SHOCK I_I REACTIVE WITH ACIDS
L. CORROSIVE: IF CORROSIVE PH   L. REACTIVE WITH BASES
_  OTHER (DESCRIBE)
SPECIAL PRECAUTIONS: HANDLING:   NO SPECIAL PRECAUTIONS:  X  OTHER (DESCRIBE): Ground and bond drums.
STORAGE:  X  KEEP AWAY FROM HEAT, SPARK OR FLAME  X  VENTILATE STORAGE AREA WELL
NO SPECIAL PRECAUTIONS  X  OTHER (DESCRIBE) Outside Storage PERSONAL PROTECTIVE EQUIPMENT
NORMAL HANDLING:  X  RUBBER GLOVES  X  EYE PROTECTION   DUST MASK (3M 8710 OR EQUIV.)   AIR SUPPLIED HOOD
TI OTHER (DESCRIBE)
SPILL CLEAN UP (OVER EXP. POT.): IXI RUBBER GLOVES IXI EYE PROTECTION I DUST MASK (3M 8710 OR EQUIVALENT)
IXI AIR SUPPLIED HOOD   OTHER (DESCRIBE)
WASTE DISPOSAL DATA
METHOD:  X  INCINERATE WITH SCRUBBER   SECURE LANDFILL   BY SECOND PARTY
CONTAINERS FOR INCINERATION, SECURE LANDFILL OR BY SECOND PARTY:
I_I PUMP TO WASTE STORAGE TANK
IXI 55 GAL. UNLINED TIGHT TOP STEEL DRUM #93-957-559
1 55 GAL. H-5 LINED LOCK TOP DRUM #93-958-557         ALL WEATHER #93
I_I 55 GAL. (OVERPAK OR SECURE LANDFILL) 25LH BOLT RING POLY/STEEL (BLUE 5/8" BOLT RING, H-17) #93-958-559
BECAUSE A COMPONENT HAS VAPOR PRESSURE OF 16 pai @ 100°F
DRUM LABELS (WHEN OVERPACKING, BOTH DRUMS MUST BE LABELLED SAME)
SPECIAL HANDLING   X   FLAMMABLE LIQUID     DOT FLAMMABLE SOLID     CORROSIVE   X   GOLD
X  EPA HAZARDOUS (WASTE #
IOXICITY: - RHODE ISLAND CLASSIFICATION
EXTREMELY HAZARDOUS:  X  NO   YES (NOTIFY ENVIRONMENTAL AND WAREHOUSING ADDITIONAL LABELING REQUIRED)
REACTIVITY:  X  NO   YES (GET CLASS FROM ENVIRONMENTAL)
FLAMMABILITY:
☐ 3A HIGHLY FLAMMABLE F pt <73°F B pt <100°F ☐ 3C SLIGHTLY FLAMMABLE LIQUID F pt >100°F <200°F
IXI 3B MODERATELY FLAMMABLE F pt <73°F B pt >100°F or F pt 73-100°F
3C SLIGHTLY FLAMMABLE SOLID F pt Not >200°F)   3C SLIGHTLY FLAMMABLE SEMI-SOLID/SLUDGE F pt Not >300°F
1_1 IF NUME OF THE ABOVE, NO DESIGNATION.
CORROSIVITY:  X  NO (NON-CORROSIVE, NO DESIGNATION) DEGREE:     YES (CORROSIVE: TYPE 4-CORROSIVE)
IRRITANT DEGREE:   NO OR UNKNOWN (ND DESIGNATION)   1 7A HIGHLY TRRITATING
I_I 7B MODERATELY IRRITATING   XI 7C SLIGHTLY IRRITATING
SENSITIZER:  X  NO (NO DESIGNATION)     YES     DEGREE TYPE 8 STRONG SENSITIZER
SPILL AND LEAK PROCEDURE
X  PICK UP WITH ABSORBENT, PUT IN BLO-LINE DRUM OVER PACKING H-17, LABEL BOTH DRUMS AS ABOVE
I_I DRY SOLID, PICK UP AND PUT IN ALL WEATHER PACK, LABEL AS ABOVE     WET SOLID, PICK HE AND BUT IN
BLO-LINE DRUM, OVER PACK IN H-17, LABEL BOTH DRUMS AS ABOVE   OTHER (DESCRIBE)

	3		
<u>'</u> ,`	√°.	,	Œ!
1	$\mathcal{L}_{\mathfrak{g}}$	/	4
1			_

CRANSTON, RHODE ISLAND
WASTE DATA SHEET
PRODUCT NAME
·
DOT HAZARD CLASS
SHIPPING NAME Weste Solvent, NOS (Xylene Solution) ENVIRONMENTAL APPROVAL
PREPARER J. Materna
COMBOCATAGN
COMPOSITION
RANGE COMPOUND:
70-80 % Xylene HALOGEN: ( ) 0 % Ma
5-10 % Methanol SULFUR: 0 % Ma
10-15 % Ethanol NITROGEN: Trace % Ma
Trace % Azobenzene, DIALKYL ESTER
CHEMICAL AND PHYSICAL PROPERTIES
PHYSICAL STATE:   SOLID   X LIQUID   SEMI-SOLID/SLUDGE   MIXED WASTE
WATER COLUMN TAY.
DISCOLVED NOW YOU AT A CO.
<del>-</del>
UPPER LAYER:
LOWER LAYER:
COLOR: Clear to Light Orange ODOR: Paint Thinner VISCOSITY:
VISCOSITY:  X  LOW (WATER-LIKE)     MEDIUM (OIL-LIKE)     HIGH (SEMI-SOLID/SLUDGE)
DENSITY: 0.9-1.0 HEAT VALUE (MBTU/LB) 16-18
FIRE HAZARD AND FIRE FIGHTING INFORMATION
THE INCOME AND THE FIGHTING INFORMATION
FLASH POINT (f.p.) 81 °F BOILING POINT (b.p.) 95-100 °F   FLAMMABLE SOLID
EXTINGUISHING MEDIA: (ALL THAT APPLY) $ \overline{x} $ WATER $ \overline{x} $ CARBON DIOXIDE $ \overline{x} $ DRY CHEMICAL
IXI WATER MIST IXI ALCOHOL FOAM I POLAR/SOLVENT FOAM
X  WEAR SELF-CONTAINED BREATHING APPARATUS (TOXIC GASES LIBERATED ON COMBUSTION)
FIRE FIGHTING PROCEDURE, IF SPECIAL TECHNIQUE NEEDED: <u>Vapor</u> is heavier than air and may travel to an ignition source and flash back.
HEALTH AND FIRST AID DATA
TLV ppm SOURCE:
LD <sub>50</sub> 4300 mg/kg, ORAL-RAI SOURCE: Xylene - Oral Rat

	HEALTH A	ND FIRST AID DAT	<u>A</u>	
TLV ppm		SOURCE:		
LD <sub>50</sub> 4300 mg/kg,	ORAL -RAT	SOURCE: Xyle	ne - Oral Rat	 -
SKIN SENSITIZER: I YES	1 <u>x</u> 1 NO	I_I UNKNOWN		 
SKIN IRRITANT: $ \overline{X} $ YES	l_l no	I_I UNKNOWN		,
EYE CONTACT: Flush eyes with w	ater for 15 min	nutes. Obtain m	edical attention.	•
SKIN CONTACT: Flush with water :	and wash thoro	ughly with soap.		
INGESTION: Obtain medical att				7.
INHALATION: Remove to fresh a:	r.			 

Remove to fresh air.

·	·
	CODE NO>
·/	oradab UKIDI ZER
	EXPLOSIVE ON CONTACT WITH WATER
ㅡ. 프	REACTIVE WITH ACIDS
<del>-</del>	REACTIVE WITH BASES
OTHER (DESCRIBE)	
SPECIAL PRECAUTIONS: HANDLING:   NO SPECIAL PREC	CAUTIONS:  X  OTHER (DESCRIBE): Ground and bond
druma.	
STORAGE: X KEEP AWAY FROM HEAT, SPARK OR FLAME	
NO SPECIAL PRECAUTIONS   OTHER (DESCRIBE)	
PERSONAL PROTECTIVE EQUIPMENT	
NORMAL HANDLING:  X  RUBBER GLOVES  X  EYE PROTECTION	I 📘 DUST MASK (3M 8710 OR EQUIV.) 📋 AIR SUPPLIED HOOD
T OTHER (DESCRIBE)	
SPILL CLEAN UP (OVER EXP. POT.):  X  RUBBER GLOVES	X EYE PROTECTION   DUST MASK (3M 8710 OR EQUIVALENT)
X AIR SUPPLIED HOOD   OTHER (DESCRIBE)	
WASTE DISPOSAL DATA	
METHOD: X INCINERATE WITH SCRUBBER   SECURE	LANDFILL   BY SECOND PARTY
CONTAINERS FOR INCINERATION, SECURE LANDFILL OR BY SE	
I_I PUMP TO WASTE STORAGE TANK	
X  55 GAL. UNLINED TIGHT TOP STEEL DRUM #93-957-559	30 GAL. BLO-LINE DRUM #93-952-302
[_  55 GAL. H-5 LINED LOCK TOP DRUM #93-958-557	
1 55 GAL. (OVERPAK OR SECURE LANDFILL) 25LH BOLT RI	NG POLY/STEEL (BLUE 5/8" BOLT RING, H-17) #93-958-559
BECAUSE A COMPONENT HAS VAPOR PRESSURE OF 16 psi @ 10	0°F
I_I OTHER	
DRUM LABELS (WHEN OVERPACKING, BOTH DRUMS MUST BE LAB	
	FLAMMABLE SOLID     CORROSIVE  X  COLD
IXI EPA HAZARDOUS (WASTE #	T WAREHOUSE, OTHER DOT LABELS MAY BE REQUIRED
SECURE LANDFILL     OTHER (DESCRIBE)	
TOXICITY: - RHODE ISLAND CLASSIFICATION	
1A HIGHLY TOXIC LD <sub>50</sub> <50 mg/kg	18 MODERATELY TOXIC >50 mg/kg <500 mg/kg
X  1C SLIGHTLY TOXIC >500 mg/kg-<5000 mg/kg	[_  NON-HAZARDOUS >5000 mg/kg
EXTREMELY HAZARDOUS: XI NO   YES (NOTIFY ENVIRO	NMENTAL AND WAREHOUSING ADDITIONAL LABELING
REQUIRED)	•
REACTIVITY: IXI NO.   YES (GET CLASS FROM ENVIRO	NMENTAL)
FLAMMABILITY:	<del>-</del>
I 3A HIGHLY FLAMMABLE F pt <73°F B pt <100°F	_  3C SLIGHTLY FLAMMABLE LIQUID F pt >100°F <200°F
X  38 MODERATELY FLAMMABLE F pt <73°F 8 pt >100°F or	F pt 73-100°F
1 St Stightly Flammable Solid F pt Not 3200 F)	3C SLIGHTLY FLAMMABLE SEMI-SOLID/SLUDGE F pt Not >300°F
CORROSIVITY:  X  NO (NON-CORROSIVE, NO DESIGNATION)	DEGREE:     YES (CORROSIVE: TYPE 4-CORROSIVE)
IRRITANT DECREE:   NO OR UNKNOWN (NO DESIGNATION)   NO OBSIGNATION   NO DESIGNATION   NO DE	I_I 7A HIGHLY IRRITATING
SENSITIVED. IN NO AND DESIGNATION	IRRITATING
SENSITIZER:  X  NO (NO DESIGNATION)   YES	I_I DEGREE TYPE B STRONG SENSITIZER
SPILL AND LEAK PROCEDURE	

1X PICK UP WITH ABSORBENT, PUT IN BLO-LINE DRUM OVER PACKING H-17, LABEL BOTH DRUMS AS ABOVE

BLO-LINE DRUM, OVER PACK IN H-17, LABEL BOTH DRUMS AS ABOVE | I OTHER (DESCRIBE)

I DRY SOLID, PICK UP AND PUT IN ALL WEATHER PACK, LABEL AS ABOVE I WET SOLID, PICK UP AND PUT IN

## 94

רתטטטנו אאייב		
GENERIC NAME FILTER MEDIA	CODE NUMBER.	
DOT HAZARD CLASS	EFFECTIVE	SUPERSEDES 12/19/80
SHIPPING NAME Flammable Solid, NOS E	NVIRONMENTAL APPROVAL	1. 1
PREPARER J. Materna	; <del></del>	
COMPOSITION	'	·* ·
	ı	*
RANGE COMPOUND:	•	<u>.</u> ``
85-95 % Filter Papers	HALOGEN:	( ) 0 % Max.
<pre>&lt;1 % Zinc (Hydroxide/Oxide)</pre>	SULFUR:	0 % Hax.
5-10 % Xylene	NITROGEN:	<0.5 % Max.
<1 % Azobenzene		
CHEMICAL AND PHYSICAL PRO	<u>DPERTIES</u>	
PHYSICAL STATE:  X  SOLID     LIQUID	- I SEMI SOLID/GLUDGE	
WATER SOLUBILITY:   INFINITE   PARTIAL		I_I WIXED AYZIE
CHEDENDED FOR YOU		11 (1 % ASH
TDENTI	Y: Filter Papers	<del></del>
DISSOLVED NON-VOLATILES: N/A % IDENTIF	Y:	
LAYERING:     YES   X   NO		
UPPER LAYER:		•
LOWER LAYER:		
COLOR: White to Yellow ODOR: Paint Thinner	VICCOCITY -	N/4
VISCOSITY:     LOW (WATER-LIVE)	viscosiii:	N/A
VISCOSITY:     LOW (WATER-LIKE)     MEDIUM (OIL-LIKE DENSITY: 0.9-1.0   HEAT VALUE (MBIU/LB)	)  _  HIGH (SEMI-SO	LID/SLUDGE)
DENSITY: 0.9-1.0 HEAT VALUE (MBTU/LB)	<5	
FIRE HAZARD AND FIRE FIGHTING	INFORMATION	
FLASH POINT (f.p.) 81 °F BOILING POINT (b.p.)	N/A °F IXI	FLAMMABLE SOLID
EXTINGUISHING MEDIA: (ALL THAT APPLY) $ \overline{x} $ WATER $ \overline{x} $ CAR		
I_I WATER MIST	XI ALCOHOL FOAM   POL	AR/SOLVENT FRAM
X  WEAR SELF-CONTAINED BREATHING APPARATUS (TOXIC GASES LIB		, , , , , , , , , , , , , , , , , , , ,
FIRE FIGHTING PROCEDURE. IF SPECIAL TECHNIQUE ASSESSED	TRATED ON COMBUSTION)	,
FIRE FIGHTING PROCEDURE, IF SPECIAL TECHNIQUE NEEDED: Vapor of ignition and flash back.	may travel a considerable	distance to a source
HEALTH AND FIRST AID DA	ATA	1
TLVppm SOURCE:	<del></del>	*
LD <sub>50</sub> >5000 mg/kg, ORAL-RAT SOURCE:	<del></del>	
SKIN SENSITIZER:     YES     NO       UNKNOWN		<del> </del>
SKIN IRRITANT:     YES     NO     NO   NO   NO   NO   NO   NO	•	
		,
SKIN CONTACT: Flush with water and wash thoroughly with some	medical attention.	<u></u>
Obtain medical attention.	·•	
INHALATION:		<del></del>

•	POTENTIALLY HAZARDOUS CHEMICAL REACTIVITY: INDICATE ALL THAT APPLY (CODE NO.
	X  REACTIVE WITH OXIDANTS   STRONG OXIDIZER
	I REACTIVE WITH WATER I EXPLOSIVE ON CONTACT WITH WATER
	EXPLOSIVE UPON SHOCK   I REACTIVE WITH ACIDS
	CORROSIVE: IF CORROSIVE pH
•	I_I OTHER (DESCRIBE)
_	SPECIAL PRECAUTIONS: HANDLING:   NO SPECIAL PRECAUTIONS:  X  OTHER (DESCRIBE): Keep away from
	oxidizing materials.
	STORAGE:   KEEP AWAY FROM HEAT, SPARK OR FLAME  X  VENTILATE STORAGE AREA WELL
	NO SPECIAL PRECAUTIONS  X  OTHER (DESCRIBE) Outside Storage
	PERSONAL PROTECTIVE EQUIPMENT
	NORMAL HANDLING: 1X RUBBER GLOVES 1X EYE PROTECTION   DUST MASK (3M 8710 OR EQUIV.)   AIR SUPPLIED HOOK
	TOTHER (DESCRIBE)
	SPILL CLEAN UP (OVER EXP. POT.):  X  RUBBER GLOVES  X  EYE PROTECTION !   DUST MASK (3M 8710 OR EQUIVALENT)
	X  AIR SUPPLIED HOOD   OTHER (DESCRIBE)
	WASTE DISPOSAL DATA
	METHOD:  X  INCINERATE WITH SCRUBBER     SECURE LANDFILL   BY SECOND PARTY
	CONTAINERS FOR INCINERATION, SECURE LANDFILL OR BY SECOND PARTY:
	I_I PUMP TO WASTE STORAGE TANK
	55 GAL. UNLINED TIGHT TOP STEEL DRUM #93-957-559   XI 30 GAL. BLO-LINE DRUM #93-952-302
	55 GAL. H-S LINED LOCK TOP DRUM #93-958-557     ALL WEATHER #93
	IXI 55 GAL. (OVERPAK OR SECURE LANDFILL) 25LH BOLT RING POLY/STEEL (BLUE 5/8" BOLT RING, H-17) \$93-958-559
	BECAUSE A COMPONENT HAS VAPOR PRESSURE OF 16 psi @ 100°F
	I_I OTHER
- •	DRUM LABELS (WHEN OVERPACKING, BOTH DRUMS MUST BE LABELLED SAME)
-	X SPECIAL HANDLING FLAMMABLE LIQUID X DOT FLAMMABLE SOLID CORROSIVE X GOLD
	IXI EPA HAZARDOUS (WASTE # DOO1 ; CONTACT WAREHOUSE, OTHER DOT LABELS MAY BE REQUIRED
	SECURE LANDFILL   OTHER (DESCRIBE)
	TOXICITY: - RHODE ISLAND CLASSIFICATION
	1 1A HIGHLY TOXIC LD <sub>50</sub> <50 mg/kg   1 18 MODERATELY TOXIC >50 mg/kg <500 mg/kg
	I_I 1C SLIGHTLY TOXIC >500 mg/kg_<5000 mg/kg   I_I NON-HAZARDOUS >5000 mg/kg
4	EXTREMELY HAZARDOUS: IXI NO I YES (NOTIFY ENVIRONMENTAL AND WAREHOUSING ADDITIONAL LABELING
	REQUIRED)
	REACTIVITY: X NO Y YES (GET CLASS FROM ENVIRONMENTAL
	FLAMMABILITY:
	I 3A HIGHLY FLAMMABLE F pt <73°F B pt <100°F   1 3C SLIGHTLY FLAMMABLE LIQUID F pt >100°F <200°F
	X  38 MODERATELY FLAMMABLE F pt <73°F B pt >100°F or F pt 73-100°F
	I_I 3C SLIGHTLY FLAMMABLE SOLID F pt Not >200°F) I_I 3C SLIGHTLY FLAMMABLE SEMI~SOLID/SLUDGE F pt Not >300°F
	I IF NONE OF THE ABOVE, NO DESIGNATION.
	CORROSIVITY:  X  NO (NON-CORROSIVE, NO DESIGNATION) DEGREE:     YES (CORROSIVE: TYPE 4-CORROSIVE)
	IRRITANT DEGREE:  X  NO OR UNKNOWN (NO DESIGNATION)
	1 78 MODERATELY IRRITATING 1 7C SLIGHTLY IRRITATING
	SENSITIZER:  X  NO (NO DESIGNATION)     YES     DEGREE TYPE 8 STRONG SENSITIZER
	SPILL AND LEAK PROCEDURE
	IXI PICK UP WITH ABSORBENT, PUT IN BLO-LINE DRUM OVER PACKING H-17, LABEL BOTH DRUMS AS ABOVE
	DRY SOLID, PICK UP AND PUT IN ALL WEATHER PACK, LABEL AS ABOVE  X  WET SOLID, PICK UP AND PUT IN
	BLO-LINE DRUM, OVER PACK IN H-17, LABEL BOTH DRUMS AS ABOVE     OTHER (DESCRIBE)
	JOINT OTHER (DESCRIBE)

PRODUCT NAME	
GENERIC NAME AROMATIC HYDROCARBON	CODE NUMBER
DOT HAZARD CLASS <u>Flammable Liquid</u>	EFFECTIVE SUPERSEPES None
SHIPPING NAME Waste Solvent, NOS (Xylene Solution) ENVIRON	
PREPARER	
COMPOSITION	
<del></del>	
RANGE COMPOUND:	÷.
90-95% Xylene	HALOGEN: '- ( ) % Max.
5-10% Substituted Pyrazolidinediones	SULFUR: * Max.
	NITROGEN: <1 * Hex.
<u></u>	<del></del>
CHEMICAL AND PHYSICAL PROPERTY	<u>ES</u>
PHYSICAL STATE:	MI-SOLID/SLUDGE     HIXED WASTE
WATER SOLUBILITY:   INFINITE   PARTIAL   X   INS	GOLUBLE pH % ASH
SUSPENDED SOLIDS: % IDENTITY:	•
	Substituted Pyrazolidinediones
LAYERING:   YES   X   NO	Substituted Fyrazoildinediones
<u>-</u> -	
UPPER LAYER:	·
LOWER LAYER:	
COLOR: Yellow to Orange ODOR: Paint Thinner	VISCOSITY:
VISCOSITY:  X  LOW (WATER-LIKE)     MEDIUM (OIL-LIKE)	_  HICH (SEMI-SOLID/SLUDGE)
DENSITY: 0.9 HEAT VALUE (MBTU/LB) 16-18	
	DUATION
FIRE HAZARD AND FIRE FIGHTING INFO	REPORTION
FLASH POINT (f.p.) 81 °F BOILING POINT (b.p.) 100	TF II FLAMMABLE SOLID
EXTINGUISHING MEDIA: (ALL THAT APPLY)     WATER     CARBON D	DIOXIDE IX DRY CHEMICAL
IXI WATER MIST  X  AL	COHOL FOAM IXI POLAR/SOLVENT FOAM
_	<del>-</del>
X  WEAR SELF-CONTAINED BREATHING APPARATUS (TOXIC GASES LIBERATE	
FIRE FIGHTING PROCEDURE, IF SPECIAL TECHNIQUE NEEDED: <u>Vapor is h</u> ignition source and flash back.	eavier than air and may travel to an
HEALTH AND FIRST AID DATA	
TWA PPM SOURCE: _ACGIH-1	982
LD <sub>50</sub> 4300 mg/kg, ORAL-RAT SOURCE: NIOSH-1	978
SKIN SENSITIZER:     YES     X  NO     UNKNOWN	
SKIN IRRITANT: IXI YES I_I NO I_I UNKNOWN	
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medi	cal attention
SKIN CONTACT: Flush with water and wash thoroughly with soap.	ear accencion.
INGESTION: Obtain medical attention.  INHALATION: Remove to fresh air.	
INHALATION: Remove to fresh mir.	

PU CNTIALLY HAZARDOUS CHEMICAL REACTIVITY: INDICATE ALL THAT APPLY (CCCE NO)
REACTIVE WITH OXIDANTS   STRONG OXIDIZER
REACTIVE WITH WATER   EXPLOSIVE ON CONTACT WITH WATER
EXPLOSIVE UPON SHOCK   REACTIVE WITH ACIDS
CORROSIVE: IF CORROSIVE pH
OTHER (DESCRIBE)
SPECIAL PRECAUTIONS: HANDLING:   NO SPECIAL PRECAUTIONS:  X  OTHER (DESCRIBE): Ground and bond
drums.
STORAGE:  X  KEEP AWAY FROM HEAT, SPARK OR FLAME  X  VENTILATE STORAGE AREA WELL
PERSONAL PROTECTIVE EQUIPMENT
NORMAL HANDLING:  X  RUBBER GLOVES  X  EYE PROTECTION   DUST MASK (3M 8710 OR EQUIV.)   AIR SUPPLIED HOOD
SPILL CLEAN UP (OVER EXP. POT.): $ \overline{X} $ RUBBER GLOVES $ \overline{X} $ EYE PROTECTION $ \overline{X} $ DUST MASK (3M 8710 OR EQUIVALENT)
X  AIR SUPPLIED HOOD   OTHER (DESCRIBE)
WASTE DISPOSAL DATA
METHOD:  X  INCINERATE WITH SCRUBBER     SECURE LANDFILL     BY SECOND PARTY
CONTAINERS FOR INCINERATION, SECURE LANDFILL OR BY SECOND PARTY:
X  PUMP TO WASTE STORAGE TANK
X  55 GAL. UNLINED TIGHT TOP STEEL DRUM #93-957-559     30 GAL. BLO-LINE DRUM #93-952-302
55 GAL. H-5 LINED LOCK TOP DRUM #93-958-557     ALL WEATHER #93
55 GAL. (OVERPAK OR SECURE LANDFILL) 25LH BOLT RING POLY/STEEL (BLUE 5/8" BOLT RING, H-17) #93+958-559
BECAUSE A COMPONENT HAS VAPOR PRESSURE OF 16 psi @ 100°F
I_I OTHER
DRUM LABELS (WHEN OVERPACKING, BOTH DRUMS MUST BE LABELLED SAME)
SPECIAL HANDLING     FLAMMABLE LIQUID   OOT FLAMMABLE SOLID   CORROSIVE   X COLD
X  EPA HAZARDOUS (WASTE # DOD1 ; CONTACT WAREHOUSE, OTHER DOT LABELS MAY BE REQUIRED
SECURE LANDFILL   OTHER (DESCRIBE)
TOXICITY: - RHODE ISLAND CLASSIFICATION
1 1A HIGHLY TOXIC LD <sub>50</sub> <50 mg/kg   1 1B MODERATELY TOXIC >50 mg/kg <500 mg/kg
X  1C SLIGHTLY TOXIC >500 mg/kg-<5000 mg/kg   NON-HAZARDOUS >5000 mg/kg
EXTREMELY HAZARDOUS:  X  NO     YES (NOTIFY ENVIRONMENTAL AND WAREHOUSING ADDITIONAL LABELING
REQUIRED)
REACTIVITY:  X  NO     YES (GET CLASS FROM ENVIRONMENTAL)
FLAMMABILITY:
3A HIGHLY FLAMMABLE F pt <73°F B pt <100°F   1 3C SLIGHTLY FLAMMABLE LIQUID F pt >100°F <200°F
X  3B MODERATELY FLAMMABLE F pt <73°F B pt >100°F or F pt 73-100°F
1 3C SLIGHTLY FLAMMABLE SOLID F pt Not >200°F) 1 3C SLIGHTLY FLAMMABLE SEMI-SOLID/SLUDGE F pt Not >300°F
I IF NONE OF THE ABOVE, NO DESIGNATION.
CORROSIVITY:  X  NO (NON-CORROSIVE, NO DESIGNATION) DEGREE:   YES (CORROSIVE: TYPE 4-CORROSIVE)
IRRITANT DEGREE:   NO OR UNKNOWN (NO DESIGNATION)   7A HIGHLY IRRITATING
7B MODERATELY IRRITATING   X 7C SLIGHTLY IRRITATING
SENSITIZER:  X  NO (NO DESIGNATION)     YES     DEGREE TYPE 8 STRONG SENSITIZER
SPILL AND LEAK PROCEDURE
X  PICK UP WITH ABSORBENT, PUT IN BLO-LINE DRUM OVER PACKING H-17, LABEL BOTH DRUMS AS ABOVE
TO DRY SOLID, PICK UP AND PUT IN ALL WEATHER PACK, LABEL AS ABOVE   WET SOLID, PICK UP AND PUT IN
BLO-LINE DRUM, OVER PACK IN H-17, LABEL BOTH DRUMS AS ABOVE   OTHER (DESCRIBE)
BLU-LINE DRUM, UYER PACK IN N-17, CASEL BOTH BROTH AS ABOVE 1_1 STREET (DESCRIBE)

.

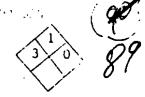
. .

.

# 3 1

PRODUCT NAME		CODE NUMBER	
GENERIC NAME Inorganic H	ydroxide		$\gamma_{i}A_{ij}$
SHIPPING NAME Waste Inorg	anic Solid, NOS	• • • • • • • • • • • • • • • • • • •	34 <u>-</u> 1
PREPARER Ronald Tell:	ier	EFFECTIVE	December 9, 19
ENVIRONMENTAL APPROVAL	T. ark	SUPERSEDES	None
	COMPOSITION		-
Z RANGE COMPOUND			
93 Calcium Hydroxide		HALOGEN:	( 0 ) 0%
7 Water	·	SULFUR:	0 %
	.·	NITROGEN:	0 %
<u>(</u>	CHEMICAL AND PHYSICAL PR	OPERTIES	,
PHYSICAL STATE:	Solid	(BULK) DENSITY:	2.2
WATER SOLUBILITY:	0.2%	pH:	13
HEAT VALUE (MBTU/LB):	NA	% ASH:	71
% SUSPENDED SOLIDS:	NA		-
IDENTITY:			
% DISSOLVED NON-VOLATILES:	NA		
IDENTITY:	·	•	1 - 2
LAYERING:	NA	<del>-</del>	
UPPER:			
LOWER:			
COLOR:	White		
ODOR:	None		The second secon
VISCOSITY:	Solid		· - ·
		•	••

FLASH POINT °F	Non-Flammable	FLANMABLE	SOLID:	No	
EXTINGUISHING	MEDIA: Non-Flammable				_
FIRE-FIGHTING	PROCEDURE: Non-Flammable	<u> </u>			
	не	CALTH DATA			
TOXICITY: LD <sub>5</sub> ; SKIN IRRITANT:	07340 mg/kg Yes		SKIN SEI DEGREE (	NSITIZER: OF IRRITATION:	Unknown Severe
	EMERGENCY AND	FIRST AID PR	OCEDURES		
EYE CONTACT: SKIN CONTACT: INGESTION:	Flush eyes with water fo Wash with soap and water Obtain immediate medical	•	Obtain	medical attent	ion.
INHALATION:	Give oxygen if necessary	Obtain med	ical atte	ention.	
		PRECAUTIONS			
REACTIVE:Y	No Yes		IF	CORROSIVE pH =	13
HANDLING & STOR	RAGE PRECAUTIONS: Avoid	exposure to a	ir, moist	ure, strong ac:	ids.
Avoid dust form				-	
	PROTECT	IVE EQUIPMENT	-		
Dust mask, rubb	er gloves, goggles, loca	l exhaust			
	WASTI	E DISPOSAL			
TYPE OF DRUM:	H-17 (5/8 Inch Bolt)				-
DRUM LABELING:	Gold, Secure Landfill, [	OOT Corrosive	(pH = 13	)	
EPA HAZARDOUS W	ASTE #:	<del></del>			
RHODE ISLAND CL	ASSIFICATION: Type 4 - C	Corrosive, Typ	e 7A - H	ighly Irritatin	ıg
•	: Secure landfill				
JLTIMATE FATE:					
SPILL OR LEAK PI	ROCEDURE: Sweep up. Was	h area with w	ater. We	ear protective	gear.



PRODUCT NAME		CODE NUMBER	
GENERIC NAME Organic Acid	·		
SHIPPING NAME Waste Organic	c Solid		
PREPARER Elizabeth The	Omas	EFFECTIVE Ja	nuary 18, 1982
ENVIRONMENTAL APPROVAL	1, 6	SUPERSEDES	None
	COMPOSIT		none
Z RANGE COMPOUND			٠,
>99 dl-Malic Acid			
<pre></pre>		HALOGEN:	(
	and the state of t	SULFUR:	%
	·	NITROGEN:	%
	CHEMICAL AND PHYSI	CAL PROPERTIES	
PHYSICAL STATE:	Solid	(BULK) DENSITY:	1.6
WATER SOLUBILITY:	Very Soluble	рН:	<3
HEAT VALUE (MBTU/LB): -	Unknown	% ASH:	
% SUSPENDED SOLIDS:	N/A		
IDENTITY:		in Carriago Carrante (Cont	
Z DISSOLVED NON-VOLATILES:	N/A		9.5
IDENTITY:			
LAYERING:	N/A		e e
UPPER:	NA		
LOWER:			1. 1. 1.
COLOR:	White, Crystal- line Power		
ODOR:	None		
VISCOSITY:	N/A		

181

FLASH POINT °F: N/A FLAMMABLE SOLID: Unknown
EXTINGUISHING MEDIA: Carbon dioxide or dry chemical for small fires, polymer foam
for large fires (Type B or C).
FIRE-FIGHTING PROCEDURE: Dilution with large volumes of water may reduce intensity
of flame.
HEALTH DATA
TOXICITY: Oral-Rat LDLO: 1600 Mg/Kg, Slight SKIN SENSITIZER: Unknow
SKIN IRRITANT: Yes DEGREE OF IRRITATION: Highly
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.
SKIN CONTACT: Wash with soap and water.  INGESTION: Obtain immediate medical attention.
INHALATION:
SPECIAL PRECAUTIONS
REACTIVE: No
CORROSIVE: Yes IF CORROSIVE $pH = 1$ (<3)
HANDLING & STORAGE PRECAUTIONS:
PROTECTIVE EQUIPMENT
Rubber Gloves, Dust Mask
WASTE DISPOSAL
TYPE OF DRUM: (Discharge to the Drain) or All-Weather Pak
DRUM LABELING: Gold, DOT Corrosive Label, EPA Hazarous
EPA HAZARDOUS WASTE #: DOO2
RHODE ISLAND CLASSIFICATION: Type 4 - Corrosive Waste; 7A - Highly Irritating; 1C - Slightly Toxic
DISPOSAL METHOD: Flush to drain with plenty of water.
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Flush to drain with water.



# 90

PRODUCT NAME	•	CODE NUMBER	
GENERIC NAME waste Chlorofo	rm ·	1	
SHIPPING NAME Waste Chlorofo			\$- · · · · · · · · · · · · · · · · · · ·
PREPARER Joseph Barry		EFFECTIVE	<u>December 18, 198</u>
ENVIRONMENTAL APPROVAL	5 Ronal	SUPERSEDES	None
	COMPOSIT	ION	
Z RANGE COMPOUND			
88-92 Chloroform		HALOGEN:	(C1) 85%
8-12 Organics		SULFUR:	0-5 %
· · · · · · · · · · · · · · · · · · ·	· 	NITROGEN:	0-5 %
PHYSICAL STATE:	EMICAL AND PHYSI Liquid	CAL PROPERTIES  (BULK) DENSITY	: _ 1.4-1.6_
WATER SOLUBILITY:	Slight	pH:	Neutral
HEAT VALUE (MBTU/LB):	1.345	% ASH:	Trace
% SUSPENDED SOLIDS:	0	· · · · · · · · · · · · · · · · · · ·	
IDENTITY:	<u> </u>		<u>rogulas</u> si (*)
% DISSOLVED NON-VOLATILES:	8-12		المعتب والرابي
IDENTITY:	Organics		77 39 2 77
LAYERING:	None		1.1 x 1 - 1 173
UPPER:			402 july 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LOWER:			+ 1 - 1 - 3%
COLOR:	Variable	ere Julius de la servición de la s	ger Notable salah
ODOR:	Chloroform		en e
VISCOSITY:	Low		

FLASH POINT °F: None FLAMMABLE SOLID: N/A
EXTINGUISHING MEDIA: N/A
FIRE-FIGHTING PROCEDURE: When involved in fire, chloroform emits highly toxic and
irritating fumes. Wear self-contained breathing apparatus.
HEALTH DATA
TOXICITY: LD 800 mg/kg (chloroform) SKIN SENSITIZER: Unknown DEGREE OF IRRITATION: Moderate  EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with water for 15 minutes.  INGESTION: Obtain immediate medical attention.
INHALATION: Remove to fresh air.
SPECIAL PRECAUTIONS
REACTIVE: No IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Avoid prolonged or repeated contact with skin and
breathing of vapors. Do not store near alkaline material. Should not be mixed wit
acetone-forms explosive mixtures.
PROTECTIVE EQUIPMENT
Rubber gloves, eye protection, respiratory, air-supplied hood or self-contained
breathing apparatus for potential overexposure.
WASTE DISPOSAL
TYPE OF DRUM: 30 gallon blo-lined fiber drum (93-952-302) overpacked in a 55 gallon blue 5/8 inch bolt ring (H-17) unlined DOT drum. Sawdust between drums. Label both drums.
DRUM LABELING: Gold, EPA Hazardous Waste, Special Handling, Poison
EPA HAZARDOUS WASTE #: None
RHODE ISLAND CLASSIFICATION: 1C-Slightly Toxic, 7B-Moderately Irritating, R.I. Extremely Hazardous Waste (Chloroform)
DISPOSAL METHOD: Incineration with scrubber
ULTIMATE FATE:
SPILL OR LEAK PROCEDURE: Clean up spills with absorbing agent (sawdust) and place in plastic bag in a fiber drum. If necessary to meet DOT regulations, the fiber drum must be overpacked in a DOT H-17 drum. Label both drums

Sanda San Sanda

# 3 0 91

the same of a same

PRODUCT	NAME	•	CODE NUMBER	
GENERIC	NAME Alcohol Aroma	tic Hydrocarbon		
SHIPPING	G NAME <u>Waste Flammab</u>	le Liquid NOS.	<del></del> 2	
PREPAREI	R <u>Marshall Nord</u>	quist	EFFECTIVE	May28,.1982
ENVIRON	ENTAL APPROVAL	Land	SUPERSEDES	None
		COMPOSITION		Notice
Z RANGE	COMPOUND "		$x_{i,j} = y_{i,j} + y_{j,j}^{*}$	e 10 Da
55-65	Xylene		HALOGEN:	( 0 ) 0
35-45	Isopropanol		SULFUR:	0 %
Trace	Nitrobenzene		NITROGEN:	0 %
0-2	Organic Impurities			100
	<u>C</u> !	HEMICAL AND PHYSICAL	PROPERTIES	. (F. %)
PHYSICAL	STATE:	Liquid	(BULK) DENSITY:	0.8
WATER SO	LUBILITY:	Partial (IPA)	pĤ:	6-7
HEAT VAL	UE (MBTU/LB):	16	% ASH:	0
% SUSPEN	DED SOLIDS:	None 1, 1815 kg.	- 12 - 12 - 12 - 12 - 12 - 12 - 12 - 12	
	DENTITY:			e de la compaña La compaña de la compaña
% DISSOL	VED NON-VOLATILES:	None		
• •	DENTITY:	The second secon		7" e
LAYERING		No		
UF	PER:		u ali i d	1 111 5140
LO	OWER:	<b></b>		the arms of the second
COLOR:		Amber	The second distribution	Rate Conda
DOR:	ore en la sullina. Estatione	Paint Thinner		* ** * * * * * * * * * * * * * * * * *
ISCOSITY	•	Low		and the second
		ساعمر ووقعا بمان	ar ja aan sarahan sa	grantan.

FLASH POINT °F: 53 (IPA) FLAMMABLE SOLID:
EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.
FIRE-FIGHTING PROCEDURE: Wear self-contained breathing apparatus.
HEALTH DATA
TOXICITY: LD50 4800 mg/kg SKIN SENSITIZER: No SKIN IRRITANT: Yes DEGREE OF IRRITATION: Slight
EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush eyes with water for 15 minutes. Obtain medical attention.  SKIN CONTACT: Wash with soap and water.
INGESTION: Obtain immediate medical attention.
INHALATION: Remove to tresh air.
SPECIAL PRECAUTIONS
REACTIVE: No  CORROSIVE: No  IF CORROSIVE pH =
HANDLING & STORAGE PRECAUTIONS: Store away from heat, spark and flame.
store away from hear, spark and flame.
PROTECTAUE POURTNAME
PROTECTIVE EQUIPMENT
Rubber Gloves, Eye Protection.
WASTE DISPOSAL
TYPE OF DRUM: UL DOT
DRUM LABELING: Gold, EPA Hazardous, Flammable Liquid
EPA HAZARDOUS WASTE #:DOO1
RHODE ISLAND CLASSIFICATION: 3A - Highly Flammable; 7C - Slightly Irritating; 1C - Slightly Toxic.
DISPOSAL METHOD: Incinerate.
LTIMATE FATE:
PILL OR LEAK PROCEDURE: Absorb on sawdust. Place in a fiber drum and overpack
n an H-17 drum. Label both drums as above.
NV-WD-2GG,S1,A19-20